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Thorburn's Bulbs 1920



J.M.Thorburn & Co.
53 BARCLAY STREET
THROUGH TO 54 PARK PLACE
New York City

Important Information

IN THIS, our Annual Catalogue of Bulbs, Seeds, etc., for Fall Planting, customers and friends of the house of THORBURN will find an assortment of choice products worthy of especial consideration.

Though the ruling of the Federal Horticultural Board (Quarantine No. 37) has prohibited the importing of many Bulbs, our 1920 line offers a wide variety—all of the highest quality. We are confident your selection from this line will leave nothing to be desired.

However, should you desire any varieties not shown, send us a list of your requirements, and we will gladly procure them for you, should the embargo on importations be removed.

Bulbs may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of blooms can be had from December until May. The finest outdoor displays of the early spring months are also from bulbs planted in the autumn. The cultural directions found under the respective headings are worthy of careful attention.

OUR BULBS ARE ALL SELECTED FIRST-SIZE TOP ROOTS, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation, and often sold at auction and otherwise, at very low prices.

NAME AND ADDRESS. We often receive orders with either the name or the address of the sender omitted. As we can do nothing with such orders, the customer thinks his order is being neglected. We therefore beg our correspondents to be careful to write on each order their name and full address.

ORDERS should be sent as soon as possible after receipt of this catalogue. The bulbs will be shipped in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come. Orders received earliest are sure of being filled in full. If left too late, the supply of some of the varieties may be exhausted, the supply of Holland Bulbs being short this season.

Prices, as will be seen upon comparison with others, are as low as Highest Grade Bulbs can be sold at, and **DO NOT INCLUDE TRANSPORTATION.**

We indicate under each heading of the various Bulbs the mailing weight when packed, so that if wanted by parcel post, our customers can determine the amount required to be added for postage according to zone rate, as per table on third cover page.

The weights given are those taken from our stock last year, and may vary in some instances; should there be any difference in weight when orders are filled, the postage will be adjusted, and any amounts over-remitted will be returned.

Large packages can be sent by express, in most cases, cheaper than by mail.

J. M. Thorburn & Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Please address all orders and remittances to

J. M. THORBURN & CO., 53 Barclay Street, through **NEW YORK**
to 54 Park Place,
Founded 1802

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53 BARCLAY STREET, through to 54 PARK PLACE, NEW YORK

Please forward by

Express Office (if different from P. O.) _____

State _____

If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. M. THORBURN & CO.

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BULBS AND SEEDS

A Book of Exceptional Value to Gardeners
Seeking a Superior Assortment of Selected
and Tested Bulbs, Flowering Roots and
Seeds for Fall Planting



Season 1920

J. M. THORBURN & CO.

ESTABLISHED 1802

53 Barclay Street through to 54 Park Place

NEW YORK

ALL ORDERS OF \$5. AND OVER WE
GIVE A SPECIAL DISCOUNT OF 10% FREE

HYACINTHS

The Hyacinth is one of the most popular and beautiful spring-flowering plants for indoor and outdoor decoration. By careful management in keeping up a succession, it may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground it is unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height, and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to anyone suitable sorts, when desired.

Outside Culture. In this section, October is the month to plant Hyacinths outside. They succeed best in a light soil and a sunny situation. If the soil is naturally heavy, some sand should be mixed with it, and if the beds have been occupied with other plants throughout the summer, some well-rotted cow-manure should be added. The soil should be well dug to a depth of 14 inches and raised from 2 to 4 inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly.

Care must be taken not to press the earth too firmly around and over the bulbs. Some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field-mice which may burrow into it.

Culture in Pots. For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibrous loam and manure in about equal parts, with

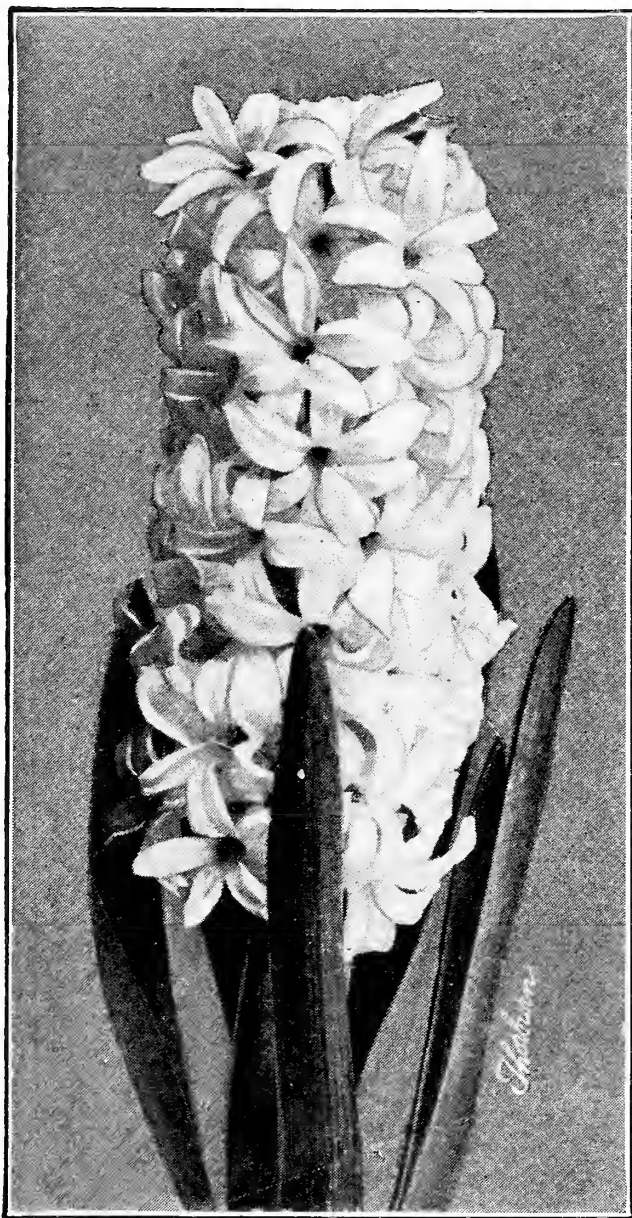
some river sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house where the warmth will soon bring them into flower. Where succession is desired, it is best to pot at intervals from September to the end of November. Plenty of water should be applied, and manure-water is beneficial after the flower-spikes appear.

Culture in Glasses. Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rainwater should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Customers unacquainted with the different varieties will do well to leave the selection to us, only specifying whether bulbs are wanted for pot, glass, or garden culture.

We invite special attention to the assortment of Named Hyacinths of our selection offered on page 3, and to the Hyacinth Glasses which are quoted at the end of the catalogue.

The names of our Hyacinths and Tulips quoted in this catalogue are those given to them by the originators in Holland, and they are not sold under fancy names manufactured in this country.



Single Hyacinth, L'Innocence

SELECT NAMED DUTCH HYACINTHS

N. B. Our Select Named Hyacinths are the cream of the Holland nurseries—and are **Extra-selected Top-Roots**, 19 cm. and upward—under their original names. For forcing in pots or for outdoor beds they far surpass the class of bulbs usually sold, being larger and better than the first- or second-size bulbs often sent out at lower prices.

The single-flowered varieties are generally more effective and better for forcing than the double ones. They also, as a rule, succeed better in glasses. The double varieties that do well for forcing in water are distinguished by two asterisks (**).

Price of all named Hyacinths, 30 cts. each, \$2.40 for 10, \$21 per 100

Not less than 5 of one kind sold at the 10 rate; 25 of one kind at the 100 rate. If to be sent by mail, add postage at zone rates—10 bulbs weigh 3 pounds. Single bulbs mailed free

Single Red and Rose

General DeWet. Very fine light rose; broad spike.

Garibaldi. Glowing crimson-red. Early.

Lady Derby. Bright rose-pink; very large spike; fine for pots.

La Victoire. Deep scarlet-red; fine spike; good exhibition variety.

Queen of the Pinks. Beautiful rosy pink; extra bells; long spike. New.

Roi des Belges. Deep red; compact spike.

Double Red and Rose

Bouquet Royal. Rose; dark center; large spike.

Chestnut Flower. Rose; large bells.

President Roosevelt. Deep rose; fine bulb; large compact spike.

Single Blush and Pure White

Arentine Arendsen. Early; pure white with fine open petals. Extra.

Grandeur a Merveille. Rosy white; large well-formed spike.

Grande Blanche. Blush-white; large bells.

L'Innocence. Pure white; large truss; best all-round white Hyacinth.

Double Blush and Pure White

Royal Bouquet. Pure white; large spike.

****Isabella.** Blush-white; splendid spike.

La Grandesse. Pure white; fine large bells.

Single Blue

Dr. Lieber. Early; lavender-blue, tinged violet; compact spike; extra-fine new variety.

Duke of Westminster. Deep purplish blue; large bells with white center. Extra.

Ivanhoe. Deep purple, light center; extra fine.

King of the Blues. Dark blue; extra-large spike.

Double Blue

****Bloksberg.** Light blue; large spike.

Garrick. Bright blue.

****General Kohler.** Bright blue; large spike.

Single Lilac and Mauve

Lord Balfour. Purple; large spike.

Mauve Queen. Purple; fine truss.

Single Yellow and Orange

City of Haarlem. Pure yellow; large truss; extra-fine exhibition variety.

King of the Yellows. Bright yellow; handsome compact spike.

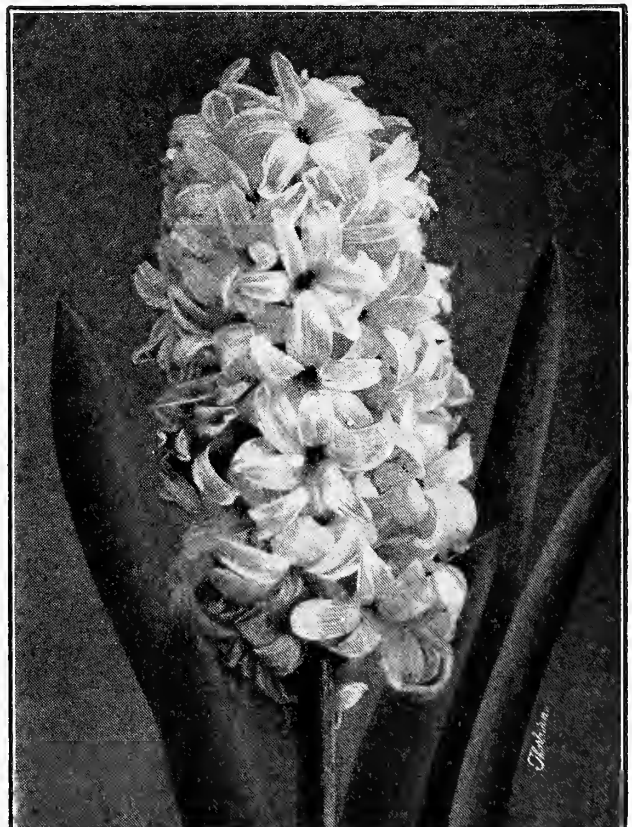
Yellow Hammer. Golden yellow; good spike; early.

Double Yellow and Orange

****Goethe.** Pale yellow; good spike.

Bouquet d'Orange. Reddish orange; good spike.

Our bulbs are of the right age, sound, plump and well matured. The size of the bloom is the ultimate measure of quality



Single Hyacinth, Grande Blanche

MIXED DUTCH HYACINTHS

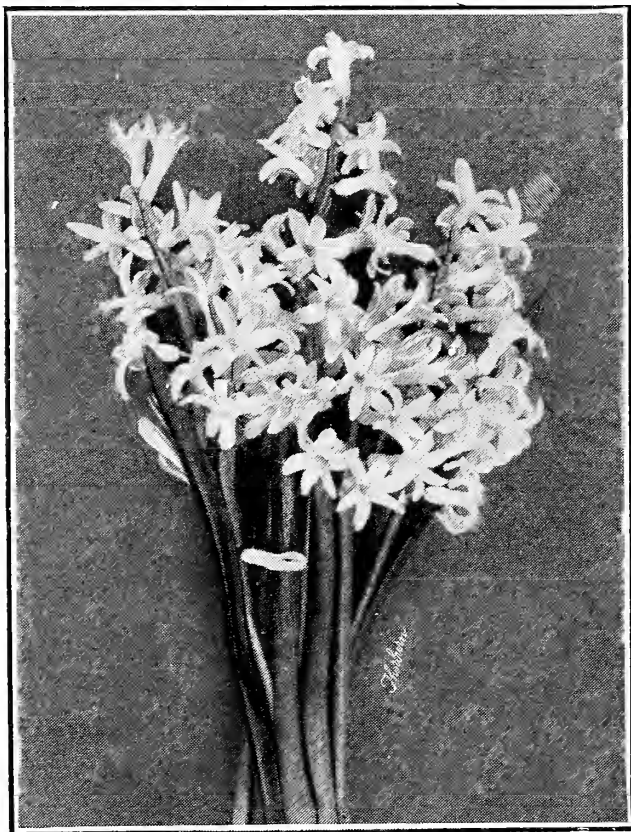
IN SEPARATE COLORS. EXTRA QUALITY. LARGEST BULBS

Suitable either for forcing or bedding. If to be sent by mail, add postage at zone rates—10 bulbs weigh 2 pounds, 100 bulbs weigh 16 pounds

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced mixtures often sold. Our bulbs are all of the largest size. Being furnished in so many separate colors, splendid bedding effects may be produced with them. Also admirably adapted for forcing in the greenhouse for winter cut-flowers.

\$1.25 for 10, \$10 per 100. Not less than 50 of a color at 100 rate

Single Dark Red.	Single Pure White.	Single Light Blue.
Single Rose and Pink. All shades.	Single Blush-White.	Single Blue. All shades.
Single Red. All shades.	Single White. All shades.	Single Yellow. All shades.
	Single Dark Blue.	Single Mixed. All colors.



Roman Hyacinths

We do not offer Double Mixed Hyacinths for bedding as they do not succeed as well as the single varieties. We can, however, procure for any of our customers so desiring.

Double Mixed in separate colors or Mixed, all colors at same price as the Single Mixed.

FRENCH ROMAN HYACINTHS

Extensively used by florists for forcing for cut-flowers.

If to be sent by mail, add postage at zone rates—10 bulbs weigh 2 pounds

Pure White. 12 to 15 centimeters, 15 cts. each, \$1.25 for 10, \$10 per 100.

CROCUS

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful.

If to be sent by mail, add postage at zone rates—10 bulbs weigh 8 ounces; 100 bulbs weigh 3 pounds

	10	100	1,000
Blue and Purple Mixed.....	\$0 25	\$1 75	\$15 00
Striped and Variegated, Mixed.....	25	1 75	15 00
Mammoth Yellow.....	50	4 50	42 00
White.....	25	1 75	15 00
Mixed Colors.....	25	1 75	15 00

HYBRID NAMED CROCUS

These varieties are best for forming letters or designs on lawns, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. Remarkable for richness of color and immense size. Flowers are produced very early, and mowing later on will not seriously injure the bulbs.

Not less than 10 of a kind sold

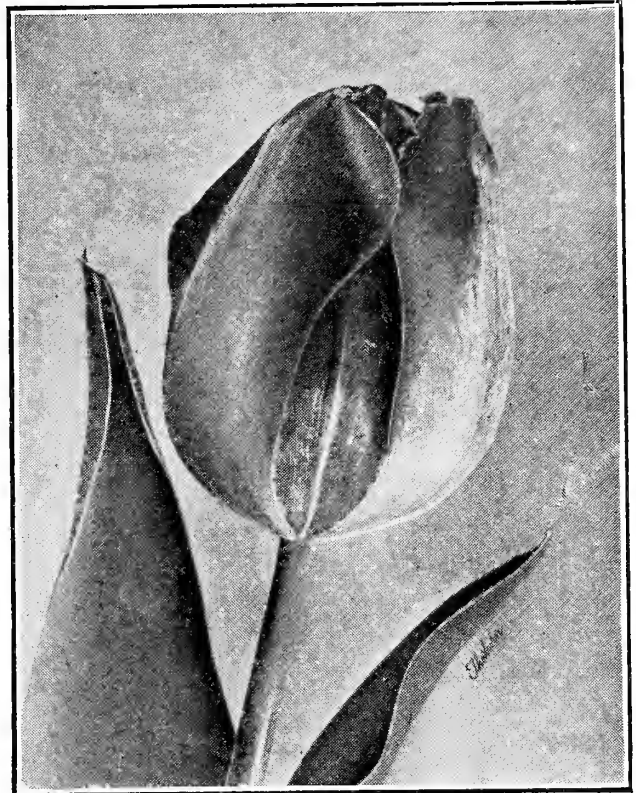
	10	100	1,000
Albion. Purple, with white feathers.....	\$0 40	\$3 50	\$30 00
King of the Blues. Very large.....	40	3 50	30 00
King of the Whites. Pure white.....	40	3 50	30 00
Madame Mina. Light lilac striped.....	40	3 50	30 00
Non Plus Ultra. Blue edged white.....	40	3 50	30 00
President Lincoln. Large; purple; early.....	40	3 50	30 00
Sir Walter Scott. White striped pale lilac.....	40	3 50	30 00

TULIPS

For beauty of form and brilliancy of coloring, Tulips are unequaled. For bedding they are the most popular and effective of all hardy bulbous plants. In order to assist our customers in selecting varieties of Tulips for beds in borders, etc., we give herewith a list of the most popular varieties, in early and late sorts. The height of stem is indicated as "tall" and "medium." The varieties indicated in heavy-faced type are choice and are highly recommended. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers they are also invaluable.

CULTURE. The cultural directions given for hyacinths, on page 2, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 to 6 inches between the bulbs is sufficient. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. **To obtain the best results it is desirable that they should not be planted in ground where Tulips were grown the previous year.** We

recommend early planting so that the bulbs may obtain a good root-growth before the frost sets in. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open ground.



Single Early Tulip, Pink Beauty

SINGLE EARLY TULIPS

Not less than 5 of a kind sold, unless otherwise specified; 50 of a kind at 100 rate.

If to be sent by mail, add postage at zone rate—10 bulbs weigh 2 pounds, 100 bulbs weigh 9 pounds.

A and B indicate seasons of flowering. A and B may be planted to flower about the same time in the open ground, B being a trifle later.

	10	100	1,000
B Artus. Showy, deep scarlet; very good bedder.....	\$0 65	\$6 00	
A Belle Alliance (Waterloo). Rich scarlet; medium. Fine forcer or bedder.....	65	6 00	\$60 00
A Calypso. Pale primrose-yellow; quite distinct. For forcing.....	65	6 00	
A Chrysolora. Splendid pure yellow; medium. Good forcer or bedder.	70	6 50	63 00
B Cottage Maid. Rose, flushed white; medium. Forcing or bedding.	70	6 50	
A Crimson King (Roi Cramoisi). Bright crimson; fine; medium.....	65	6 00	
A De Wet. Beautiful golden yellow, flushed and stippled fiery orange-scarlet; quite a distinct shade.....each 60c...	5 50	50 00	
B Dusart. Dark vermilion-scarlet; an excellent bedder.....	65	6 00	
B Keizerkroon. Crimson, yellow border; tall; fine forcer or bedder..	65	6 00	58 00
A Lady Boreel (Joost von Vondel). Purest white; large flower. A grand Tulip for exhibition; finest white for bedding; tall.....	80	7 50	72 00
A La Reine (Queen Victoria). Rosy white; medium; fine forcer.....	70	6 50	
B La Grandeur. Bright scarlet; tall. One of the most beautiful Tulips.	75	7 00	68 00
A L'Immaculee. Pure white; medium; very fine forcer; early.....	65	6 00	
B Pink Beauty. Deep glowing rose, with white flush outside; very handsome; medium.....	I 00	9 00	
A Pottebakker, Pure White. Large bold flower; tall growing.....	80	7 50	
A Pottebakker, Scarlet (Verboom). Large flower.....	65	6 00	
A Pottebakker, Yellow (Royal Sovereign).....	65	6 00	
B President Lincoln (Queen of the Violets). Purplish mauve, white base; very showy.....	65	6 00	
A Prosperity. Delicate rose-pink; medium.....	90	8 50	
B Rose Gris-de-Lin. Delicate rose, flushed white; medium; fine forcer and bedder.....	65	6 00	

SINGLE EARLY TULIPS, continued

	10	100	1,000
A Sir Thomas Lipton. Extra brilliant scarlet; a very fine variety for forcing or bedding; tall.....	\$0 80	\$7 50	
A White Hawk. Large; pure white; medium; fine for forcing.....	80	7 50	
B Yellow Prince. Yellow, sweet-scented.....	70	6 50	
Mixed Early Single, Thorburn's Special Mixture. Extra choice.	45	4 00	\$35 00

SINGLE LATE-FLOWERING AND COTTAGE TULIPS

If to be sent by mail, add postage at zone rates—10 bulbs weigh 2 pounds; 100 bulbs weigh 9 pounds. Fifty of a kind at 100 rate

These are all tall-growing May-flowering Tulips, with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. Splendid for cutting rather than for design bedding.

	10	100
Bouton d'Or (Ida). Pure deep yellow; very beautiful; fine for cutting.....	\$0 60	\$5 50
Bridesmaid (Maid of Holland). Cherry-rose, flaked white.....	60	5 50
Gesneriana major. Scarlet with blue base; effective in beds; fine for cutting..	60	5 50
Inglescombe Pink. Delicate rose-pink.....	65	6 00
Inglescombe Scarlet. Intense scarlet, black base.....	60	5 50
Inglescombe Yellow. Large, globular flowers, glossy canary-yellow. Very handsome, known as the "Yellow Darwin" Tulip; fine for borders and for cutting.....	60	5 50
Isabella (Blushing Bride, or Shandon Bells). Cream, turning carmine-rose.....	60	5 50
Moonlight. Large, pale yellow, elongated flower; fine for any outdoor purpose and for late pot culture.....	90	8 00
Parisian Yellow. Clear yellow; pointed petals.....	60	5 50
Picotee (Maiden's Blush). White with rose edge.....	60	5 50
Salmon Queen. Rosy pink, blue-green center.....	65	6 00
Mixed Single Late. A fine mixture.....per 1,000, \$40..	50	4 50

DOUBLE TULIPS

If to be sent by mail, add postage at zone rates—10 bulbs weigh 1 pound; 100 bulbs weigh 5 pounds. Fifty at 100 rate

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones. Some sorts are quite dwarf. Comparative earliness of flowering is indicated by the letters A, B, C. "Medium" and "tall" indicate relative height.

	10	100
Arabella. Purplish carmine-rose. Early.....	\$0 75	\$7 00
A Boule de Neige. Large; pure white; fine double flower; medium.....	70	6 50
A Couronne d'Or. Beautiful orange-yellow; large, handsome flower; medium; fine forcer.....	80	7 50
B Gloria Solis. Scarlet-red, yellow bordered.....	75	7 00
B Imperator rubrorum. Rich crimson-scarlet; early; tall; fine forcer.....	1 00	9 00
La Candeur. White; late..	70	6 50
B La Grandesse. Deep rose..	70	6 50
L'Innocence. Pure white; good bedder with Imperator.....	70	6 50
A Murillo. Blush-white; medium; fine for forcing; early.	75	7 00
B Rubra maxima. Deep red; splendid flower; medium early forcer.....	75	7 00
A Tournesol, Red. Yellow edge; earliest; medium....	80	7 50
A Tournesol, Yellow. Orange-shaded; very early..	75	7 00
Mixed Double, Thorburn's Special Mixture		
	\$42 per 1,000..	50 4 50



Double Tulip, Murillo

DARWIN TULIPS

If to be sent by mail, add postage at zone rates—10 bulbs weigh 1 pound; 100 bulbs weigh 6 pounds.

Too much cannot be said in praise of this class of Tulips. They excel in brilliancy of color and perfect form of flower. They have tall, strong stems, splendid for cutting, planted in groups amongst shrubs they cannot be surpassed. All single and self-colored.

Clara Butt. Beautiful salmon-rose; good forcer.....\$0 70 100 \$5 50

Donders. Dark blood-red, blue-black and white center..... 65 6 00

Dream. Beautiful lilac..... 80 7 50

Edmee. Deep cherry-rose, silvery pink edges; beautiful... 70 6 50

Edouard Andre. Outside purple, inside mauve..... 70 6 50

Erguste. Dark heliotrope, inside violet, white base..... 75 7 00

Flambeau. Scarlet with blue center; strong, lasting flower. 70 6 50

Flamingo. Delicate rose, pointed flower..... 80 7 50

Glow. Brilliant vermilion, blue and white center; good forcer; excellent cut-flower... 80 7 50

Gretchen (Margaret). Blush-white; good forcer..... 70 6 50

Kate Greenaway. White and lilac.....\$0 70 100 \$6 50

La Tulipe Noire. The finest black Tulip; large flower with a velvety sheen; fine form..... 90 8 50

Loveliness. Rosy carmine..... 70 6 50

Mr. Farncombe Sanders. Scarlet and white..... 90 8 50

Mrs. Cleveland. Soft flesh-color..... 70 6 50

Mrs. Krelage. Rose-pink, tinted lilac; large flower..... 85 8 00

Mrs. Potter Palmer. Glowing purple..... 75 7 00

Mrs. Stanley. Silvery purplish rose, pale rose edges, blue base; large flower... 70 6 50

Nora Ware. Heliotrope; very fine..... 70 6 50

Painted Lady. Creamy white..... 70 6 50

Pensee Amere. Reddish purple..... 70 6 50

Pride of Haarlem. Old-rose; large flower..... 80 7 50

Psyche. Soft rose, inside silvery rose, base tinted blue; large, on long stem... 75 7 00

Rev. Ewbank. Heliotrope-lilac, with paler edge..... 75 7 00

Suzon. Large buff-rose, deeper shade inside, blue base..... 80 7 50

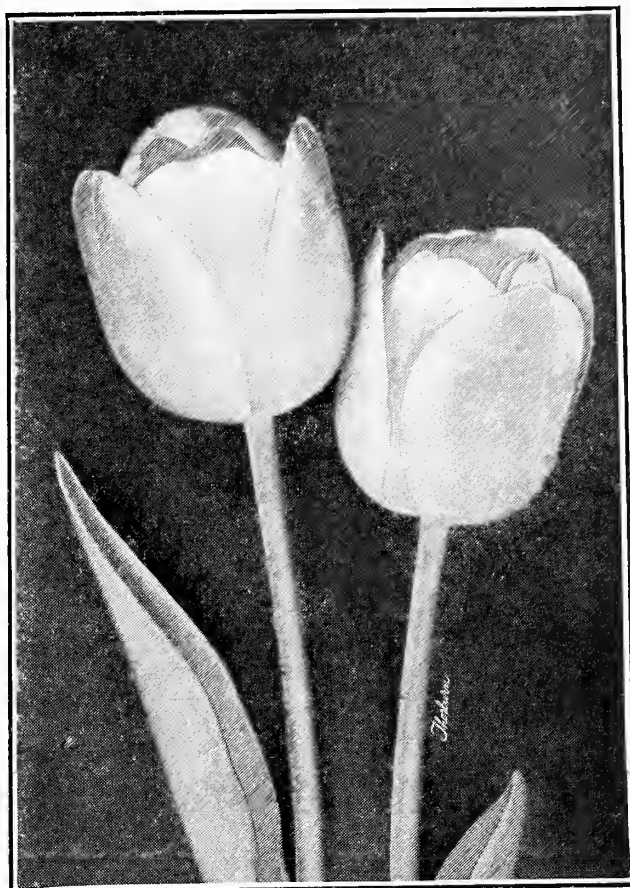
Tak Van Poortvliet. Glowing deep rosy red, blue center..... 70 6 50

The Sultan. Glossy maroon-black..... 65 6 00

White Queen. White, passing to pink..... 75 7 00

W. Copeland (Sweet Lavender). The best early forcing Darwin Tulip. When forced, color is a delicate lavender; not recommended for outdoors, color in the open is rosy lilac..... 90 8 50

Mixed Darwins. Self-colored.....\$40 per 1,000.. 50 4 50



Darwin Tulips, Clara Butt

MIXED TULIPS FOR BEDDING

If to be sent by mail, add postage at zone rates—10 bulbs weigh 1 pound; 100 bulbs weigh 8 pounds. Not less than 50 of a kind at 100 rate.

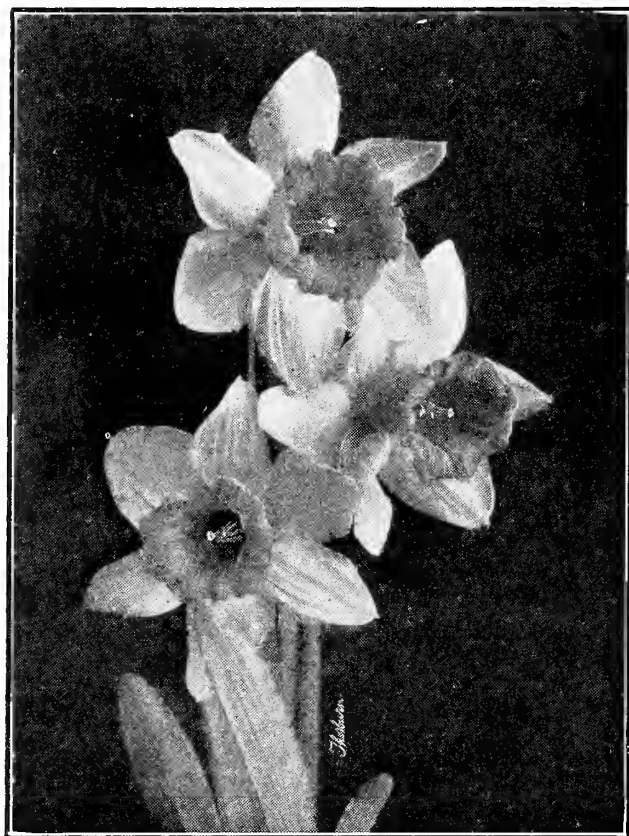
Planted in large masses, these make a magnificent show. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

Fine Mixed Early Single, Thorburn's Special Mixture. Extra choice.....\$0 45 100 \$4 00 1,000 \$35 00

Fine Mixed Double, Thorburn's Special Mixture. Extra choice.. 50 4 50 42 00

Fine Mixed Darwins, Thorburn's Special Mixture. Single; late; self-colored..... 50 4 50 40 00

Fine Mixed Single, Late, May-flowering. Thorburn's Special Mixture...... 50 4 50 40 00



Grandis Narcissus

NARCISSI

Narcissi are ready for delivery in September

Narcissi are among the most popular and largely grown of spring-flowering bulbs, and deservedly, too. Their exquisite grace, beauty, and charm of habit have been immortalized in the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, lakes, or ponds, and in mixed flower—or shrubbery—borders. They are also suitable for naturalizing in the grass, by the side of woodland walks, or in open spaces between trees and shrubs.

For growing in pots they require about the same treatment as hyacinths, three or four bulbs in a 5-inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers. With the exception of the Polyanthus section, they are all perfectly hardy.

All largest size bulbs. If to be sent by mail, add postage at zone rates for weights indicated.

SINGLE NARCISSI or DAFFODILS

Large Crown, or Trumpet Narcissi

The varieties belonging to this division have trumpets or crowns that are as long as, or longer than, the perianth segments.

BICOLOR

	10	100
Empress. One of the largest and most beautiful; white perianth and rich golden yellow trumpet. An excellent forcer. Largest Mother Bulbs (10 bulbs weigh 3 lbs.).....	\$0 85	\$8 00
Grandis. White perianth, yellow trumpet; later than Empress. (10 bulbs weigh 2 lbs.).....	80	7 50
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flowers. Valuable for forcing or outdoor culture. A splendid variety. Largest Mother bulbs (10 bulbs weigh 2 lbs.).....	65	6 00
Victoria. Creamy white perianth, rich yellow fluted trumpet. Largest Mother Bulbs (10 bulbs weigh 2 lbs.).....	85	8 00

YELLOW

Emperor. Large, golden yellow trumpet, deep primrose perianth. One of the best Daffodils for medium and late forcing. It is very free-flowering, with large, solid flowers of great substance. Largest Mother Bulbs (10 bulbs weigh 3 lbs.)..	85	8 00
Golden Spur. Uniform deep golden yellow. Most popular of the single Narcissi, owing to its earliness and the substance and beauty of its flowers. Fine forcer. Largest Mother Bulbs (10 bulbs weigh 2 lbs.).....	85	8 00
Major (Trumpet Major). Pure yellow. The old variety. Earliest forcing. (10 bulbs weigh 1 lb.).....	70	6 50
Spurius (Single Van Sion). Pure yellow; large, expanded trumpet. Excellent for forcing. (10 bulbs weigh 3 lbs.).....	70	6 50

Short Trumpet Narcissi

BARRII

Narcissi belonging to this group are crosses between yellow Trumpets and Poeticus. The crown usually is not over one-third the length of the perianth. Excellent for naturalizing. (10 bulbs weigh 1 lb.)

Albatross. Perianth white, pale lemon cup, frilled and edged glowing orange-red; beautiful.....	10	100
	\$0 70	\$6 50

SHORT TRUMPET NARCISSI, BARRII, continued

Conspicuous. Broad yellow perianth, broad short cup, edged bright orange-scarlet; very free bloomer.....	10	100
	\$0 65	\$6 00
Lady Godiva. Perianth white, cup broad; yellow, edged bright orange-scarlet..	65	6 00
Sea Gull. Large, spreading white perianth, cup canary, edged apricot.....	70	6 50

INCOMPARABILIS

These are crosses between the Yellow Trumpet, and Poeticus but the crowns are larger than those of the Barrii group, sometimes being three-quarters of the length of a perianth segment. The color of the perianth is either yellow or white.

Autocrat. Deep yellow perianth and cup; very pretty. (10 bulbs weigh 1 lb.)..	10	100
	\$0 65	\$6 00
Simplex. Single; yellow; early. Fine for cutting, also for forcing. (10 bulbs weigh 2 lbs.).....	50	4 50
Sir Watkin. Perianth sulphur, crown yellow, tinged bright orange. This is still the king of the short-cupped Narcissi, and used more generally and in larger quantities than any other short-cupped variety. Valuable as a cut-flower.		
Mother Bulbs (10 bulbs weigh 3 lbs.).....	65	6 00
Stella superba. White perianth, yellow cup. Good forcer. (10 bulbs weigh 1 lb.)	80	7 50

LEEDSII

These are crosses between the White Trumpets and Poeticus. The crowns are as large as those of the Incomparabilis group. The perianths are always white; the crowns are mostly white or light yellow.

Leedsii Type. Silvery white, lemon cup. (10 bulbs weigh 1 lb.).....	10	100
	\$0 65	\$6 00
Minnie Hume (Queen of England). Large white perianth, cup passing from fine lemon to white. (10 bulbs weigh 1 lb.).....	60	5 50
Mrs. Langtry. Pure white perianth, large white cup, edged yellow. Splendid for cutting or naturalizing. (10 bulbs weigh 1 lb.).....	60	5 50

NARCISSUS POETICUS

Varieties belonging to this group always have a pure white perianth. The cups are very short, but wide-mouthed, and always more or less deeply rimmed with orange or scarlet.

King Edward. Broad, pure white perianth, orange-scarlet crown.....	10	100
	\$1 25	\$10 00
Ornatus. Perianth pure white, cup yellow, margined scarlet. Useful for cut-flowers; very early flowering. Mother Bulbs (10 bulbs weigh 1 lb.).....	60	5 50
Recurvus (The Old Pheasant's Eye). Pure white perianth, scarlet cup; late. (10 bulbs weigh 1 lb.)	60	5 50

POETAZ MULTIFLORUS

New Hybrids between *Poeticus ornatus* and *Polyanthus* Varieties

A new race of Narcissi, perfectly hardy; they are crosses between *Polyanthus* and *Poeticus ornatus*, flowering in clusters like *Polyanthus* but without their fragrance.

Aspasia. Perianth pure white, yellow eye; large flower. (10 bulbs weigh 2 lbs.).....	10	100
	\$0 80	\$7 50
Elvira. Pure white, yellow eye; large flower; 3 to 4 flowers on a stem; very free-flowering..	75	7 00

VARIOUS SINGLE NARCISSI

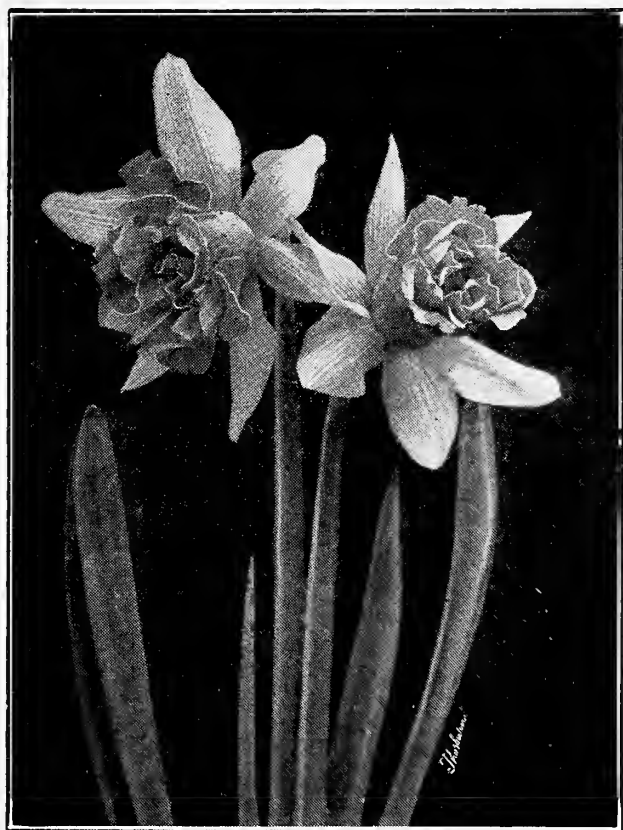
Single Trumpets, Mixed. (10 bulbs weigh 2 lbs.).....	10	100
	\$0 50	\$4 50
All Sorts Mixed. (10 bulbs weigh 2 lbs.).....	50	4 50

JONQUILS

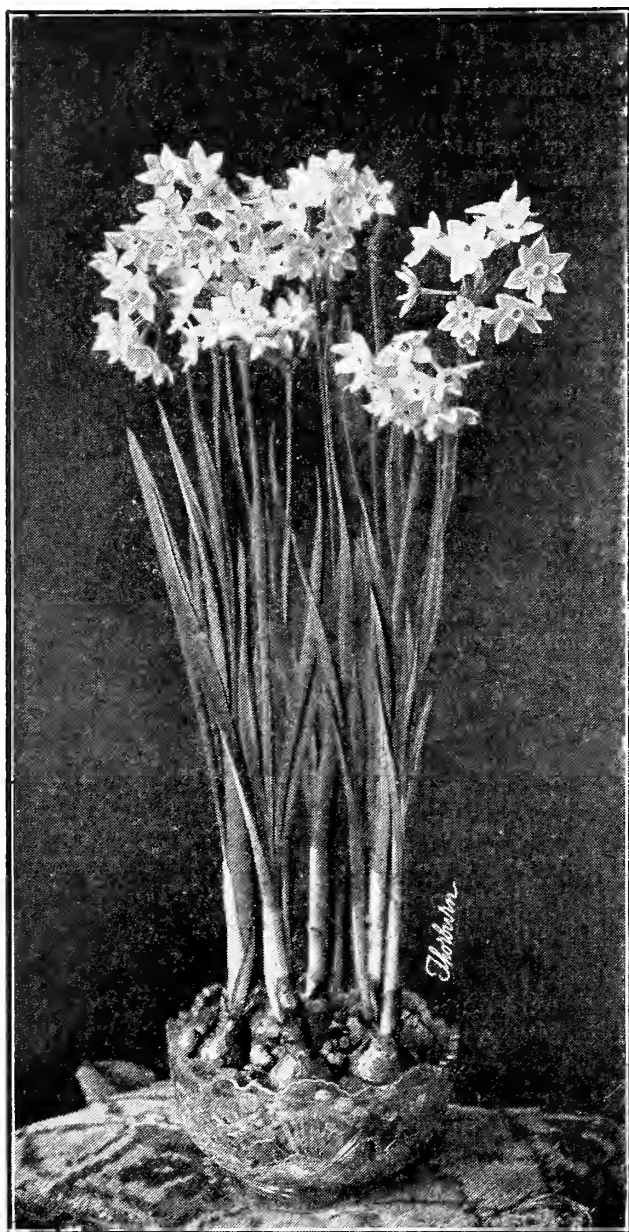
Not less than 50 of a kind at 100 rate

Related to the Narcissi; suitable for pot culture or outdoors. Culture same as hyacinths.

Single Yellow Sweet-scented. (10 bulbs weigh 4 ozs.).....	10	100
	\$0 50	\$4 50
Large Single (Campernelle). Yellow. (10 bulbs, 8 ozs.)...	50	4 50



Double Narcissus, Van Sion (See page 10)



Paper-White Narcissi

PAPER-WHITE NARCISSI

Paper-White Grandiflora. Large trusses of pure white flowers. Splendid forcer. Extra-large bulbs (10 bulbs weigh 2 lbs.), 60 cts. for 10, \$5 per 100, \$40 per 1,000.

DOUBLE NARCISSI

Alba plena odorata. Pure 10 100
white; a splendid cut-flower;
sweet-scented. For outdoors.
(10 bulbs weigh 1 lb.).....
\$40 per 1,000..\$0 50 \$4 50

Orange Phoenix (Bacon and Eggs). Large; double; white with orange base. (10 bulbs weigh 2 lbs.)..... 75 7 00

Van Sion. The largest double yellow Trumpet variety. Extra fine for forcing; largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety. The largest Mother Bulbs (10 bulbs weigh 2 lbs.)..... 90 8 50

POLYANTHUS NARCISSI

The varieties belonging to this class produce small, fragrant flowers growing in clusters. They are invaluable for forcing and may be grown under glass or in pots. If planted in the open border they must be protected over winter by a covering of litter.

Grand Monarque. White with 10 100
yellow cup; very large flowers;
vigorous grower. (10 bulbs
weigh 2 lbs.).....\$0 65 \$6 00

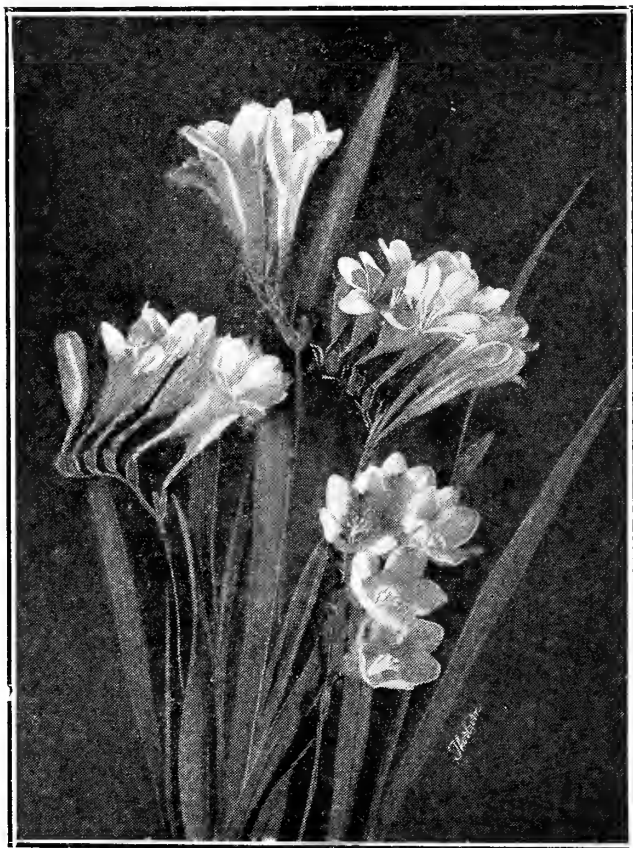
Grand Soleil d'Or. Yellow,
with orange cup; very free-
blooming. (10 bulbs weigh
2 lbs.)..... 90 8 50

FREESIA

If to be sent by mail, add postage at zone rates—10 bulbs weigh 4 ounces; 100 bulbs weigh 2 pounds.

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good, loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs we may say that they are quite small, but produce large blooms in comparison to their size.

Purity. Magnificent, glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing eight to ten buds, five or six of which are frequently open at the same time. Large size, 40 cts. for 10, \$3.50 per 100, \$30 per 1,000.



Freesia, Purity

LILIES

For stateliness of habit, beauty of form and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of *Lilium candidum* and *L. tigrinum*, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. *L. auratum* cannot bear manure but thrives in ordinary light soil. They all prefer a partial shade, and the tallest sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs and most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

If to be sent by mail, add postage at zone rates for weight indicated

Lilium Harrisii and *L. candidum* ready in August; others not until November.

Japan Lilies are quoted as offered from Japan, and are subject to arrival, as we may be disappointed in not receiving them.



Lilium superbum, *L. speciosum album*, *L. speciosum rubrum* and *L. tigrinum*

LILIUM HARRISII (Bermuda Easter Lily) BULBS NOW READY

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, lasting a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

	Each	10	100
7 to 9 inches in circumference (10 bulbs weigh 3 lbs.).....	\$0 50	\$4 50	\$35 00
9 to 11 inches in circumference. Fairy Isle (10 bulbs weigh 4 lbs.)..	80	7 50	65 00

LILIUM LONGIFLORUM (White Trumpet Lily)

This is among the most beautiful and valuable of garden Lilies. It grows from 1 to 4 feet high, and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substance. A well-drained, light loam enriched with leaf-mold suits it best.

Formosum. Pure white flowers, larger than those of *L. Harrisii*.

Grows 2½ to 4 feet high.			
7 to 9 inches in circumference, <i>black stem</i> . (10 bulbs weigh 3 lbs.)..	Each \$0 45	10 \$4 00	100 \$35 00
9 to 10 inches in circumference, <i>black stem</i> . (10 bulbs weigh 5 lbs.)..	65	6 00	55 00
Multiflorum. 7 to 9 inches in circumference. (10 bulbs weigh 3 lbs.)..	35	3 00	27 00
9 to 10 inches in circumference. (10 bulbs weigh 4 lbs.).....	75	7 00	60 00
Multiflorum giganteum. 7 to 9 inches in circumference, <i>black stem</i> . (10 bulbs weigh 3 lbs.).....	45	4 00	35 00
9 to 10 inches in circumference, <i>black stem</i> . (10 bulbs weigh 4 lbs.)..	65	6 00	55 00

BEAUTIFUL JAPAN LILIES

These do not generally arrive until November and December. We import our supply direct from Japan every year.

Auratum (Gold-banded Lily). The grandest of all hardy Lilies, 3 to 6 feet high; flowers white, spotted maroon, having a bright yellow band through the center of each petal.	Each	10	100
8 to 9 inches in circumference. (10 bulbs weigh 3 lbs.).....	\$0 35	\$3 00	\$27 00
9 to 11 inches in circumference. (10 bulbs weigh 5 lbs.).....	45	4 00	37 00
11 to 13 inches in circumference. (10 bulbs weigh 7 lbs.).....	55	5 00	45 00

BEAUTIFUL JAPAN LILIES, continued

	Each	10	100
Speciosum album. Beautiful pure white flowers of large size; 2 to 4 feet high; one of the handsomest and easiest-grown Lilies we have.			
8 to 9 inches. (10 bulbs weigh 4 lbs.).....	\$0 35	\$3 00	\$27 00
9 to 11 inches. (10 bulbs weigh 5 lbs.).....	60	5 50	50 00
Speciosum rubrum magnificum. Very dark crimson-spotted flowers of large size and striking appearance. Grows 2 to 4 feet high and blooms profusely. 8 to 9 inches. (10 bulbs weigh 4 lbs.).....	35	3 00	27 00
9 to 11 inches. (10 bulbs weigh 5 lbs.).....	60	5 50	50 00
Elegans Batemanniae. Unspotted, bright apricot flowers; beautiful variety; strong, hardy, easily grown, and highly recommended for general culture. 3 to 4 feet high. (10 bulbs weigh 1 lb.).....	35	3 00	27 00
Krameri. White, slightly tinged with red; sweet-scented. (10 bulbs weigh 1 lb.).....	35	3 00	27 00
Leichtlinii. Bright lemon-yellow spotted purple-black. 2 to 4 feet high. (10 bulbs weigh 8 ozs.).....	35	3 00	27 00

VARIOUS LILIES

Canadense (Meadow Lily). Graceful, drooping, yellow flowers, spotted red; 2 to 5 feet. (10 bulbs weigh 4 ozs.).....	15	1 25	10 00
Candidum (Madonna Lily; St. Joseph's Lily). Northern French-grown. The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet high. (10 bulbs weigh 3 lbs.).....	20	1 50	12 00
Croceum. Orange spotted black; a stately Lily which forms fine clumps in cottage gardens. (10 bulbs weigh 2 lbs.).....	25	2 00	
Henryi. Very tall-growing variety; bright orange-yellow flowers, spotted reddish brown, with green band at the base of each segment; one of the very best of all Lilies for general culture; hardy, robust, long lived and easily grown in almost any soil or situation. 4 to 8 feet. (10 bulbs weigh 3 lbs.).....	60	5 00	30 00
Humboldtii Type. A grand Lily. Orange-red flowers, spotted with small maroon spots. 5 feet. (10 bulbs weigh 1 lb.).....	60	5 00	
Kelloggii. Slender stems with from 3 to 15 flowers with pink revolute petals; fragrant; 3 to 4 feet. (10 bulbs weigh 8 ozs.).....	60	5 00	
Pardalinum. Large, showy flowers, richly colored and spotted. One half of each flower at the base is bright yellow, spotted brownish purple, while the remainder at the end is bright orange-scarlet. 4 feet. (10 bulbs weigh 1 lb.).....	25	2 00	
Parviflorum. Large bulbs; flowers of same color as Pardalinum, but smaller, and are solitary. Very charming. (10 bulbs weigh 8 ozs.)..	60	5 00	
Philadelphicum. Bright orange-red, with black spots; 2 feet high. (10 bulbs weigh 8 ozs.).....	15	1 25	10 00
Superbum (Turk's-Cap Lily). Deep orange-red, thickly spotted, purplish brown. 4 feet. (10 bulbs weigh 8 ozs.).....	20	1 75	15 00
Tenuifolium (Siberian Coral Lily). Rich scarlet; 1½ feet. (10 bulbs weigh 8 ozs.).....	30	2 50	20 00
Thunbergianum biligulatum (Feu-Kwam). Deep chestnut-red spotted flowers. (10 bulbs weigh 8 ozs.).....	25	2 00	
Thunbergianum aureum, Kikak. Apricot-yellow; spotted black; 3 feet. (10 bulbs weigh 8 ozs.).....	25	2 00	
Thunbergianum, Prince of Orange. Soft buff flowers, spotted purple-black. 1 foot. (10 bulbs weigh 8 ozs.).....	40	3 50	
Tigrinum splendens (Tiger Lily). Larger and stronger than the Common Tiger Lily. Rich scarlet, with black spots; large roots. (10 bulbs weigh 2 lbs.).....	25	2 00	18 00
Tigrinum flore-pleno (Double Tiger Lily). Orange-red, black spots. The only desirable double-flowered Lily in cultivation. (10 bulbs weigh 2 lbs.).....	25	2 25	20 00
Umbellatum, Elegans incomparabilis. Deep red, spotted black...	25	2 00	
Umbellatum Sappho	25	2 00	
Umbellatum erectum. Orange-red, slightly spotted with purplish black, tinged yellow in center. (10 bulbs weigh 4 lbs.).....	25	2 00	
Umbellatum grandiflorum. Orange-red. Similar in all respects to Erectum, except that flowers are larger. (10 bulbs weigh 3 lbs.)....	25	2 00	
Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet. (10 bulbs weigh 2 lbs.).....	50	4 00	

CHINESE SACRED LILY (The Water Fairy Flower) READY IN SEPTEMBER

A variety of the Polyanthus Narcissus imported from China. The bulbs should be placed from three to six in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulbs entirely and place in a sunny window in a cool room. Mailing weight (10 bulbs weigh 4 lbs.). Price on application.

LILY-OF-THE-VALLEY (Convallaria majalis)

EXPECTED; DELIVERY DEPENDS ENTIRELY UPON ARRIVAL

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf, and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from six to twelve in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three to four weeks after planting. They require a considerable amount of heat to start them. They may also be planted in moss fiber in vases.

Clumps. Fine, large clumps, with many flowering pips on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. Some moss, litter, fine dried peat, or sand should be placed in the soil around the roots when planted out. (Weight, 3 lbs. each.) 50 cts. each, \$4.50 for 10, \$40 per 100.

Pips for Forcing. Finest exhibition size, Lubeck type. Bundle of 25, \$2; per 100, \$7. In original cases of 250 \$17, 500 \$32, 1,000 \$60.

BEGONIA GRANDIFLORA, TUBEROUS-ROOTED

READY IN NOVEMBER AND DECEMBER

If to be sent by mail, add postage at zone rates—10 bulbs weigh 1 pound, 100 bulbs weigh 7 pounds

	Each	10	100		Each	10	100
Single Rose	\$0 25	\$2 25	\$20 00	Double Rose	\$0 30	\$2 75	\$25 00
“ White	25	2 25	20 00	“ White	30	2 75	25 00
“ Scarlet	25	2 25	20 00	“ Scarlet	30	2 75	25 00
“ Yellow	25	2 25	20 00	“ Yellow	30	2 75	25 00

BRODIAEA READY IN SEPTEMBER

Pretty bulbous plants from the Pacific Coast. They have narrow, grassy leaves, slender stems and umbels of lily-like flowers. For forcing or for outdoor culture. Do best in rich, sandy loam. If grown in pots, a compost of loam, leaf-mold, and sand is best. All are hardy.

If to be sent by mail, add postage at zone rates—100 bulbs weigh 1 pound

	10	100
Grandiflora. Deep purple flowers, large and showy	\$0 50	\$4 00
Lactea. White with green stripes	50	4 00
Laxa. Blue	75	6 00
Peduncularis. Porcelain-white flowers in immense umbels	75	6 00

CALOCHORTUS (Mariposa Lily; Butterfly Tulip) READY IN SEPTEMBER

Very handsome bulbous plants from California. They are remarkable for the brilliancy and variety of their coloring and their gracefulness of habit. They grow freely in light, sandy loam. Though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and pots. Mailed free.

	10	100
Amabilis (Globe Tulip). Very pretty golden yellow	\$0 55	\$4 50
Benthamii (Star Tulip). Yellow, black spots	50	4 00
Lilacinus (Star Tulip). Large, finely formed lilac flowers	50	4 00
Maweanus major (Star Tulip). White ground; open cup filled with fine blue hairs	50	4 00
Venustus citrinus (Mariposa Tulip). Deep, rich lemon, with vivid dark maroon eyes	60	5 00
Venustus oculatus (Mariposa Tulip). Creamy white flowers, varying to sulphur and purplish tints	60	5 00
Mixed Mariposa Tulips	60	5 00

GLOXINIAS READY IN NOVEMBER

If to be sent by mail, add postage at zone rates—10 bulbs weigh 1 pound, 100 bulbs weigh 7 pounds

	Each	10	100		Each	10	100
Crimson Royal	\$0 35	\$3 25	\$30 00	Queen Alexandra.			
Meteor. Flesh, deep pink border	35	3 25	30 00	White	\$0 35	\$3 25	\$30 00
				Reading Purple	35	3 25	30 00

IRIS

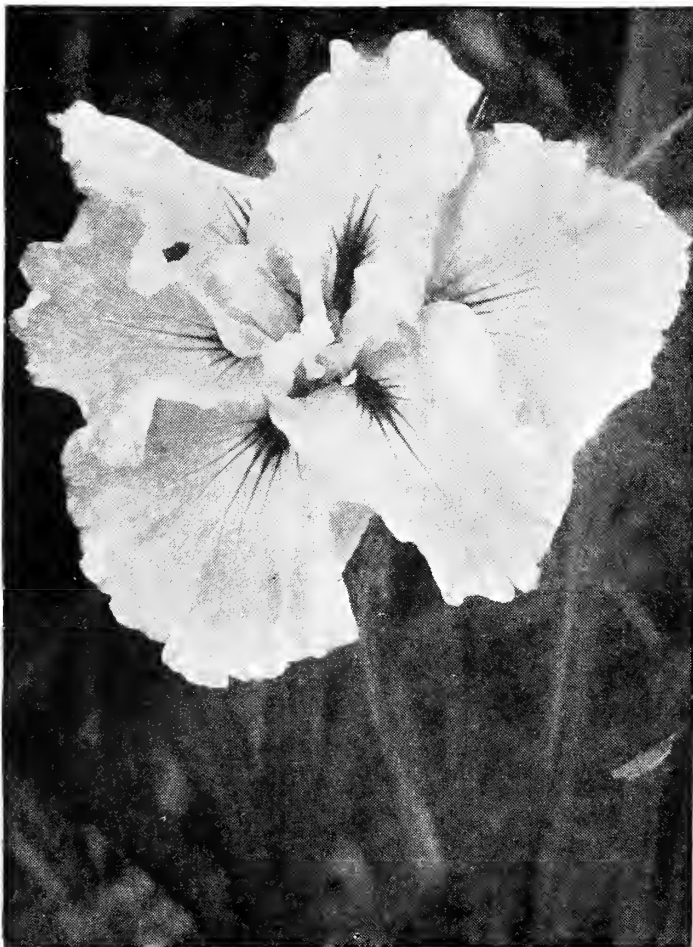
Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light, rich, sandy soil, and in a sunny situation. Good drainage is important. The varieties of *Iris Kaempferi*, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up ten to twelve flower-spikes 3 feet high, each bearing two to four enormous blossoms measuring 8 to 10 inches across. These require a liberal supply of water when growing.

JAPAN IRIS (<i>Iris Kaempferi</i>)			
10 roots weigh 3 pounds			
Apollo. Single; white, pink center; large.....	Each \$0 30	10 \$2 50	
Blue Wing. Single; indigo-blue, flaked white.....	35	3 00	
De Rohan. Double; light purple, shaded violet.....	30	2 50	
Distinction. Single; lavender and pink, bright yellow blotches at base of petals....	25	2 00	
Frate. Double; silvery white, veined and shaded lilac, deep lilac center.....	25	2 00	
Gold Bound. Double; pure white, gold-banded center...	25	2 00	
Mount Hood. Double; light blue, bright orange center...	25	2 00	
Ondine. Single; white, shaded light blue toward center; very large. 9 to 10 inches.....	30	2 50	
Pyramid. Double; violet-purple, veined white in center...	20	1 50	

JAPAN IRIS, continued			
Red Riding Hood. Single; Each	10		
amaranth, veined and suffused white.....	\$0 25	\$2 00	
Robert Craig. Double; French grey, veined violet.....	25	2 00	
Templeton. Double; light violet, pink and white.....	25	2 00	
T. S. Ware. Double; reddish violet, veined white.....	25	2 00	
Venus. Single; pure white....	25	2 00	
Victor. Double; white, veined purple.....	25	2 00	
Von Sieboldt. Single; reddish veined white, yellow center..	25	2 00	
Double and Single Mixed...	15	1 25	

GARDEN IRIS (*Iris germanica*) Fleur-de-Lis

Admiral Togo. White, faintly tinged lavender; falls and standard lightly bordered purple. Extra fine clear color.....	Each \$0 15	10 \$1 00
Brooklyn. Standards lavender, yellow at base; falls pale blue, base veined brown on a white ground, edged yellow, splashed with dark blue; beautiful.....	15	1 00
Flavescens. Self-color, canary-yellow.....	15	1 00
Florentina alba. An excellent variety for cutting and an early bloomer. Flowers ivory-white, tinged with lilac. The orris-root variety of commerce.....	15	1 25
Florentina, Blue. Tall and vigorous; deep dark blue.	15	1 25
Gracchus. Standards clear yellow; falls marked red, reticulated white. A very conspicuous variety.....	25	2 00
L'Africain. Standards rosy purple; falls darker, veined white at base, dwarf.....	20	1 75
Lizzie. Standards pure yellow; falls dark, bronzy crimson.....	15	1 00
Mme. Chereau. Pure white, edged with azure-blue; falls deep white with blue penciling.....	15	1 00



Japan Iris

GARDEN IRIS, continued

Mrs. H. Darwin. Pure white, falls slightly reticulated violet at base; very beautiful and free flowering; early	Each	10
	\$0 25	\$2 00
Pallida dalmatica. Considered by some authorities the finest Iris grown. Standards and falls lilac-purple.	30	2 50
Pauline. Standards bright blue, falls a little darker.	15	1 00
Queen of May. This is a very satisfactory variety and well adapted everywhere. It is soft, rosy lilac, almost pink. A color rare among Irises	30	2 50
All Colors, Mixed	\$6 per 100.. 10	75

MERTENSIA VIRGINICA

Virginian Cowslip. Blue Bells

Hardy perennial, purple-blue tubular flowers about 1 inch long, disposed in gracefully drooping terminal clusters. Of easy culture in ordinary garden soil; excellent for mixed borders, copses and rockwork. Height, 1 to 2 feet. 15 cts. each, \$1.25 for 10, \$10 per 100.

OXALIS READY IN SEPTEMBER

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging-baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

If to be sent by mail, add postage at zone rates—100 bulbs weigh 1 pound

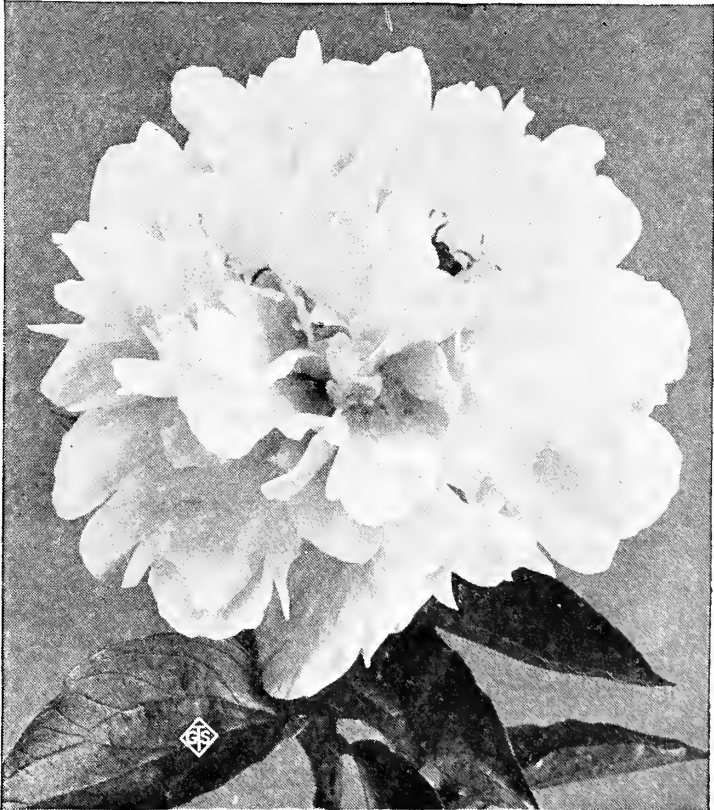
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot.	10	100
	\$0 25	\$2 00
Grandiflora, Grande Duchesse, White	25	2 00
“ “ “ Lavender	25	2 00
“ “ “ Pink	25	2 00

PEONIES

EXPECTED IN OCTOBER

The old-fashioned double Peonies are too well known to require description. Their popularity is due to their great merits, their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Peonies rank about first for lawn, flower-border, or shrubbery decoration. Peonies do best in deep, rich, rather moist soil. The plants are gross feeders, and the soil should be well worked before planting, and enriched with cow-manure. Clean cultivation should be given. An annual top-dressing of short, well-rotted manure should be given in November, and forked into the soil in spring. Liquid manure, given in the growing season, helps the bloom wonderfully. They need abundant water, and if they suffer from drought at blooming time there are likely to be small flowers and blighted buds. The crowns should be set in planting about 2 inches below the surface. They may be set in spring or fall, to bloom the following summer. They are all hardy. We offer only strong, flowering roots, with three to five eyes.

If to be sent by mail, add postage at zone rates—1 root weighs 1 pound; 10 roots weigh 9 pounds.



Herbaceous Chinese Peony

HERBACEOUS CHINESE PEONIES (*Paeonia chinensis*), continued

If to be sent by mail, add postage at zone rates—1 root weighs 1 pound; 10 roots weigh 9 pounds

	Each	10
Couronne d'Or. Snow-white, with golden stamens.....	\$0 60	\$5 00
Dorchester. Delicate pink; late.....	50	4 00
Duchesse de Nemours. Large; free-flowering; creamy white.....	50	4 00
Edulis superba. An early-flowering deep pink.....	50	4 00
Eugene Verdier. Early; delicate hydrangea-pink.....	65	6 00
Festiva maxima. White. One of the best.....	60	5 00
Marie Lemoine. Pure white, with carmine pencilings; large, splendid flower..	60	5 00
Mme. Crousse. Pure white with crimson flecks.....	60	5 00

PÆONIA OFFICINALIS

If to be sent by mail, add postage at your zone rates—1 root weighs 2 pounds

	Each	10
Rubra plena. Double; red.....	\$0 60	\$5 00



Calla, Richardia Elliottiana

RICHARDIA (*Calla*)
READY IN OCTOBER

Tall-growing, bulbous perennials of graceful habit and handsome foliage and flowers. They are easily cultivated in pots, requiring only rich soil and plenty of water. A compost of one part good loam and one part cow-manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting them in September.

If to be sent by mail, add postage at zone rates as per weight indicated

White Calla, or Lily-of-the-Nile (<i>Calla Æthiopica</i>). Large, white, trumpet-shaped flowers of great substance. One of the most popular ornamental house and greenhouse plants. Mammoth size bulbs. (10 bulbs weigh 4 lbs.)	Each	10
	\$0 60	\$5 00
Elliottiana. Yellow flower. Dark green leaves, spotted silvery white. 2- to 2½-inch bulbs. (10 bulbs weigh 2 lbs.)	60	5 00

SANGUINARIA CANADENSIS (*Bloodroot*)

A showy, hardy spring flower. White, often tinged with pink. Prefers a light sandy loam or peat soil, but will grow anywhere; useful for ornamenting the front of flower borders. 10 cts. each, 75 cts. for 10, \$5 per 100.

TRILLIUM

American Wood-Lily, or Indian Shamrock

Hardy herbaceous perennials succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are native of North America, and are known by various common names in different localities. They have violently emetic roots.

If to be sent by mail, add postage at zone rates—10 bulbs weigh 1 pound, 100 bulbs weigh 7 pounds

	Each	10	100
Erectum. Dark purple; erect habit.....	\$0 10	\$0 75	\$5 00
Grandiflorum (Giant American Wood-Lily; Wake-Robin). Large, white flowers, and easily grown in shaded positions.....	10	75	5 00

Hardy Perennial and Other Flower Seeds

FOR AUTUMN
SOWING

MAILED FREE OF POSTAGE

Many varieties of flower seeds, Annuals as well as Biennials and Perennials, may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerous than if sown in the spring. For full descriptions see our General Seed Catalogue. Character and hardiness indicated by letters A, Annual; B, Biennial; P, Perennial; h, hardy; hh, half hardy; g, greenhouse; t, tender.

New Giant Early-Flowering Spencer Sweet Peas

This new race of Sweet Peas is expected eventually to take the place of all other early and late varieties, as they bloom from four to six weeks earlier than the late-blooming Spencers sown at the same time and continue blooming for four months. They are vigorous growers with immense waved flowers borne on long, strong stems in threes and fours, adaptable to our warm summers, and free-flowering. We strongly recommend a trial of these new creations. These varieties, if sown early in fall indoors, will bloom by Christmas and continue all winter. They may also be sown outdoors in the same way as other sorts for summer flowering.

ALL \$1 PER OUNCE

					Pkt. of 50 seeds	
Blanche Ferry.	Pink and white..	54640	25			
Christmas Pink.	Grandiflora type. Pkt. 10c., oz. 15c., ¼lb. 50c....	54660				
Heather Bell.	Beautiful shade of rich mauve; flowers borne on long stems and are of true Spencer form....	54588	25			
Lavender-Pink	.....	54710	25			
Melody.	This is a deeper shade of pink than Songbird, on white ground. It might be described as rose-pink on white ground; very pleasing; mostly four well-waved blossoms to each stem; free-flowering.....	54544	25			
Morning Star.	Deep orange-scarlet or flame-color in standard, with rich or- ange-pink wings. Keeps its color well and does not burn badly. Flowers are large and waved, borne in threes and fours abundantly. Under artificial light its coloring is exquisite....	54555	25			
Mrs. Sim.	Apricot-pink.....	54730	25			
Red Orchid	.....	54735	25			
Songbird.	Soft blush-pink shade; large, fine flowers, borne on long stems in threes and fours. When in full growth it appears as though every stem has four blossoms; of fine quality..	54576	25			
Snowflake.	The blossoms are very large and of the best waved form, resembling the noted White Spencer; a free bloomer, with good, long stems.....	54566	25			
Yarrowa.	Rose-color on first opening, changing as it develops to a charm- ing combination of light pink standards and blush wings; of vigorous habit. The flowers are produced on long, stiff stems.....	54590	25			
Spring Maid.	The color is light pink on a cream ground. A most lovely variety, with very large, waved flowers. For an early cream-pink, Spring Maid is unexcelled.....	54587	25			
Choice Mixed	.....	54760	25			



Giant
Spencer
Sweet
Peas



Giant
Spencer
Sweet
Peas



Thorburn's Superb Pansy

PANSY

(Viola Tricolor; Heartsease)

Our Strains Have Never Been
Excelled

For very early outdoor bedding the seed is sown from August to October, in a coldframe or in rich, moist garden beds, from which the plants can be transferred to a coldframe, setting them 2 to 3 inches apart each way before severe winter weather begins. In spring three-fourths of them can be lifted out for bedding and the rest left to bloom in the frame. For winter blooming in a frame set the plants about twice as far apart and thin out half of them in the spring. Cover the blooming plants with sashes, adding a covering of matting or straw in very cold weather. In mild weather remove the mats and tilt the sashes to admit light, heat, and fresh air. In outdoor beds, raised a few inches above the ground, with a mulch of dry leaves and some brush to hold them in place, Pansies will often winter nicely and bloom until midsummer, when a relay of young, vigorous plants should

be ready to replace them. If they come into bloom in the heat of summer, the flowers may be small at first but as the weather becomes cooler they will increase in size and beauty, and make a glorious show in the garden. Early fall sowings give the finest flowers in spring, and a bed of Pansies is one of the most beautiful sights a garden can show. *The higher-priced sorts produce the largest flowers and the most brilliant colors. This should be borne in mind when ordering.*

We do not sell less than one-fourth ounce of a kind by weight

	1/4oz.	Oz.	Pkt.
Thorburn Superb. The richest and most choicely varied mixture possible. It produces only the finest colors, largest flowers and most beautiful forms.....	72030	\$2 25	\$8 00 \$0 25
Bugnot Superb Blotched. An exceedingly large, three-blotched strain, with upper petals finely lined; great diversity of finest colors. .	72040	1 50	5 00 25
Cassier, Finest Mixed. Flowers of grand size, beautifully spotted.	72050	1 50	5 00 25
Bugnot, Cassier, and Trimardeau, Mixed.	72055	1 50	5 00 25
Masterpiece. Curled, wavy petals; splendid colors; distinct....	72060	2 00	7 00 25
“ From the originator.....	72070	5 00	50
Parisienne, Mixed. Handsome, large-flowering strain.....	72120	1 50	5 00 25
Red Shades, Mixed	72125	1 00	3 50 25
Fine Large English. All colors mixed.....	72130	75	2 50 25
French. Large flowers, fine mixed.....	72135	1 00	3 50 25
Mixed. Ordinary strain.....	72140	65	2 00 10
Azure-Blue. Very fine color.....	72160	85	3 00 25
Black-Blue. Dark velvety blue.....	72170	85	3 00 25
Black (Faust; King of the Blacks). Almost coal-black.....	72180	85	3 00 25
Bronze. Golden bronze.....	72190	1 00	3 50 25
Cardinal. Brilliant red; very fine.....	72200	85	3 00 25
Coquette de Poissy. Distinct mauve, shading to white on petals.	72210	1 25	4 00 25
Fairy Queen. Light blue, with white border.....	72250	85	3 00 25
Fire King	72270	85	3 00 25
Lord Beaconsfield. Deep purple violet, shading to light blue..	72310	85	3 00 25
Mahogany Colored	72315	1 00	3 50 25
Meteor. Bright yellow and brown, attractively blotched and margined.....	72320	85	3 00 25
President Carnot. Pure white petals, each with a deep blotch..	72360	1 75	6 00 25
Snowflake (Candidissima). Pure satiny white.....	72390	1 00	3 50 25
White, with Black Center. Very showy.....	72410	1 00	3 50 25
Yellow, with Black Center. Splendid.....	72420	1 00	3 50 25
Yellow, Golden. Without eye, pure yellow.....	72435	1 00	3 50 25

PANSIES, continued

TRIMARDEAU GIANT.	This strain has remarkably large flowers, carried well above their leaves, and generally marked with large blotches; plants are extra vigorous and compact.	1/4oz.	Oz	Pkt.
Giant Adonis. Light blue; white margin; splendid.....	72480	\$1 50	\$5 00	\$0 25
" Indigo-Blue. Very rich color	72540	1 50	5 00	25
" Lord Beaconsfield. Lavender and purple.....	72550	1 50	5 00	25
" White, with Dark Eye	72600	1 50	5 00	25
" Yellow. Dark center.....	72610	1 50	5 00	25
" Mixed	72660	1 25	4 00	25
" Extra-Fine Mixed	72662	1 50	5 00	25

NEW EARLY-BLOOMING HARDY PANSIES, HYMALIS

This new type of Pansy is valuable on account of its hardiness and earliness. If given slight protection they will be found perfectly hardy in this latitude and even farther north, beginning to bloom about the end of March. Flowers are very large and have a sweet perfume. Pkt.

Celestial Queen. Beautiful light blue, with yellow eye.....	72670	15
Ice King. Silvery white, with dark blue blotches.....	72675	15
March Beauty. Fine dark velvety blue, with yellow eye.....	72680	15
Winter Sun. Rich golden yellow, with maroon blotches.....	72685	15
Hymalis Mixed	72690	10

ADONIS vernalis (Ox-Eye). hP. Bright yellow..... Pkt. 55640 5

AGATHÆA cœlestis (Blue Daisy). A tender perennial, with beautiful blue flowers; fine pot plant for winter blooming in conservatory. 1 ft. 55680 25

AGROSTEMMA. All of easiest cultivation, blooming during summer and autumn. The Rose of Heaven is very free flowering and fine for cut-flowers. The Rose Cam-
pion is excellent for naturalizing. Pkt.

coronaria (Rose Champion). hP. Rose; 2 ft..... 55880 5

" **Dark Blood-Red.** hP. 2 ft..... 55890 5

" **White.** hP. 2 ft.... 55900 5

" **Mixed.** hP. 2 ft.... 55910 5

Flos-Jovis (Flower of Jove). hP. Rose. 1 ft..... 55920 5

ALYSSUM saxatile compactum (Gold Dust). Yellow flowers; grayish foliage..... 56090 5

ANCHUSA. Perennial. Fine for cut-flowers and bouquets.

Italica, Dropmore Variety. hP. Blue. 3 ft..... 56340 10

ANEMONE (Windflower). Free-flowering hardy perennials, producing large cup-shaped flowers. Invaluable for cutting; require rich, deep soil. 1 to 2 ft. Pkt.

coronaria (St. Brigid Poppy-flowered) **Mixed**..... 56360 10

Caen, Mixed..... 56370 10

japonica alba. White..... 56390 25

" **rosea.** Rose..... 56380 25

sylvestris. White..... 56395 15

ANTHEMIS Kelwayi tinctoria. hP. 56460 10

AQUILEGIA (Columbine). Few hardy perennials are so easily grown from seed, and will give such unalloyed satisfaction. A most desirable border plant. It forms large clumps, blooms early, long and abundantly, is useful for cutting and ele-

Aquilegia, continued

gant in habit. Sow in the fall for flowering the following season. They thrive well under ordinary garden culture, but such rare sorts as *A. cœrulea* and *A. chrysantha* do best in partial shade. Pkt.

californica hybrida. Orange-red and yellow; splendid. 2 ft..... 56500 25

canadensis. Scarlet and yellow; for shade. 1 1/2 ft..... 56510 10

chrysantha. Golden yellow; flowers large, long spurred. 3 ft..... 56520 25

cœrulea (Rocky Mountain Blue Columbine). One of the most beautiful of our native flowers. Sepals blue, petals white. 3 ft..... 56530 15

glandulosa vera. Handsome hardy perennial. Stems 2 feet high, with sometimes 50 to 80 blossoms 3 inches in diameter, of the deepest blue, with white corolla..... 56560 50

Long-spurred Hybrids, Mrs. Scott Elliot's Strain. Magnificent hybrids in the greatest variety of colors and shades; one of the finest strains. 2 ft..... 56580 25

Skinneri (Mexican Columbine). Very distinct; spurs and sepals long. Crimson and green. 3 ft.... 56590 25

vulgaris, Double Mixed. Best colors..... 56620 5

" **Single Mixed.** Many good sorts..... 56630 5

ARABIS. An early-flowering, hardy perennial especially suited for edgings and rock-work, growing about 6 inches in height.

alpina (Rock Cress). White. 9 in... Pkt. 56660 10

ASPARAGUS. Beautiful, fern-like foliage; fine for bouquets; an excellent house plant; white flowers. 4 to 6 ft. Pkt.

plumosus nanus. gP. The dwarf variety so largely used by florists. 56860 10

Sprengeri. gP. Fine for basket work and for use with cut-flowers... 56890 10

ASPERULA odorata (Sweet Woodruff). Pkt.
hP. White.....56930 10

AUBRIETIA. Hardy perennial trailers for
beds, rockwork or herbaceous borders; re-
semble Alyssum in character. Pkt.

deltoidea. Lilac; very pretty ..56960 25

Leichtlinii. Rosy carmine; fine.56990 25

AURICULA (*Primula auricula*). hP.
Finest Mixed. Beautiful shades of
color. These early spring-blooming
garden Primroses are great favorites;
6 in.....57020 25

BAPTISIA australis (False Indigo).
Light blue.....57280 5

BEGONIA. gP. Begonias are invaluable for
growing in beds and borders; also for pot
culture, being perfect in habit, with very
handsome foliage. Height about 1 foot.

Single, Tuberous-Rooted, Mixed.. Pkt.
57420 25

Double, Tuberous-Rooted, Mixed..
57430 50

gracilis luminosa. Dark scarlet; red-
dish brown foliage; winter flowering;
fine for pots.....57460 25

Rex. Ornamental-leaved variety.
Mixed.....57480 25

semperflorens rosea. Rose-colored
flowers; fine for edg-
ing.....57500 25

“ **alba.** White flowers
borne in profusion.
57510 25

“ **Vernon.** Red; for
borders.....57540 25

“ **Mixed**.....57570 25

CACTUS. hhP. Mixed varieties..57900 25

CALCEOLARIA. The seeds are very small
and should be sown in the greenhouse on
the surface of shallow boxes filled with a
light, sandy soil which has been sifted.
Sow moderately thick in rows on the sur-
face and cover very lightly with sifted
sphagnum moss, cocoanut waste, or very
light soil. Press the soil firmly on the
seed. The watering should be done care-
fully—an atomizer or brush is best. To
retain the moisture the box may be cov-
ered with a pane of glass which must be
removed as soon as the plants appear.
The soil should be light and rich. Pkt.

hybrida. Large-flowered; self-colored.
2 ft.....57990 25

“ Large-flowered; tigered or
spotted. 2 ft.....58000 25

rugosa, Mixed.....58060 25

CALENDULA. Hardy annuals about 1 foot
high. They are excellent for cutting and
are produced in great profusion. Pkt.

officinalis grandiflora fl.-pl (Orange
King). Double; large-
flowered; deep orange...
58160 5

“ **grandiflorasulphurea fl.-**
pl. Double; light yellow;
large-flowered....58170 5

Calendula, continued

officinalis, Sulphur Crown...58175 Pkt. 5

“ **Nankeen.** A rich, soft
shade of nankeen-yellow;
large flowers.....58180 5

“ **Meteor.** Creamy center,
edged with orange; fine for
cutting. 1 oz. 25c...58190 5

“ **Prince of Orange.** Glitter-
ing orange and yellow.
One of the best.....
oz. 30c...58200 5

COREOPSIS (Perennial Calliopsis). One of
our finest hardy perennials; bloom prac-
tically all summer; fine for borders and
groups. Pkt.

lanceolata grandiflora. Large, golden
yellow flowers; fine for cutting.58410 10

CAMPANULA (Canterbury Bells).
For a fine effect in the border, plant them
in clumps of separate colors, and they
are beautiful when massed. The perennial
varieties, treated as perennials, will flower
most profusely by midsummer. The tall
and stately growing kinds will be found
of great value for the border, while the
dwarf sorts make charming rock and edg-
ing plants. All the varieties like a rich,
sandy soil with good drainage. Pkt.

carpatica. hP. Deep blue; for rock-
eries, beds, and edgings.
6 in.....58530 10

“ **alba.** Flowers white. 6
in.....58540 10

Medium Single Blue (Canterbury
Bells). hB. Blooms first
year if sown early. 2 ft...
58560 5

“ **Single White.** Pretty for
contrasts.....58570 5

“ **Single Rose**.....58580 10

“ **Single Mixed**.....58600 5

“ **Double Blue.** Rich, heavy,
curious flowers through
summer and fall...58610 10

“ **Double White.** Waxy ap-
pearance.....58620 10

“ **Double Rose**.....58630 15

“ **Double Mixed**.....58640 10

“ **calycanthema** (Cup-and-
Saucer). hB. Blue.58650 10

“ **calycanthema alba.** A
white-flowered variety of
the above.....58660 15

“ **calycanthema rosea.**
Rose.....58670 15

“ **calycanthema, Mixed.**
Shades of blue and white.
58680 10

persicifolia grandiflora, Blue. hP.
58770 25

“ **grandiflora alba.** A
white-flowered variety
of the above....58780 25

“ **grandiflora, Fine**
Mixed.....58790 25

Campanula , continued	Pkt.
pyramidalis (Chimney Bellflower). hhP. Spikes 3 to 4 feet tall, blue; blooms in late summer and au- tumn.....	58800 10
“ alba . White.....	58810 10
“ Mixed	58815 10

CANDYTUFT (Iberis), Perennial . Sow outdoors in fall in any sunny place. Pkt.	
gibraltarica . Outer flowers pink, inner ones white.....	58980 15
sempervirens . White flowers remain fresh nearly a month. 1 ft....	58990 15

CARNATION (*Dianthus Caryophyllus*).
Should be sown and kept in coldframe
until spring. Young plants are perfectly
hardy outdoors, but when two or three
years old they are injured by winter cold,
so that sowings should be made every
year. *The more expensive sorts produce
the finest flowers. The prices we quote, al-
though seemingly high, are most reasonable
for strains such as we offer.*

MARGARET CARNATIONS are an extra
vigorous race, especially adapted for
outdoor culture. Pkt.

Double White. Large, perfect
flowers. 1½ ft.....

Double Yellow. A clear, soft shade.
1½ ft.....

Double Mixed. 1½ to 2 ft.....
oz. \$1.50..

Giant Margaret. Malmaison Strain.
Extra large and perfect, a rich
variety of colors; 80 per cent gen-
erally come double. Splendid for
cutting. 1 ft....oz. \$2.50..

PERPETUAL CARNATIONS. This race
has large, elegantly formed flowers, con-
tinually abloom, upon closely branched
symmetrical plants, often called, from
their neat habit, Tree Carnations. Pkt.

Chabaud Perpetual Double.
Mixed—yellow, red, white, etc.
Blooms in six months. 1½ ft.

Giant Perpetual Fine Mixed.
Enormous flowers; perfectly
double; splendid colors.

BORDER CARNATIONS—
Red Grenadine, Double. Brilliant
scarlet. 2 ft.....

**Early Dwarf Vienna, Double
Mixed**. Fine for garden culture
and for cutting. 1 ft.....

CENTAUREA

PERENNIAL FLOWERING—
montana, Blue.....

“ **White**.....

PERENNIAL, SILVER-LEAVED. These
are used for borders or edgings, and
thrive anywhere. Flowers white, leaves
grayish; half hardy. 1 ft. Pkt.

candidissima. Silvery white leaves.
.....

gymnocarpa. Silvery white, small
leaves.....

CERASTIUM (Snow-in-Summer). Pretty,
silver-leaved, trailing, hardy perennials;
fine edging plants, also for rockeries.
6 in. Pkt.

tomentosum. White.....

**CHRYSANTHEMUM, PERENNIAL
VARIETIES**. This section includes the
large-flowered sorts, and the pretty,
hardy Pompons that make bright masses
of color in our gardens long after heavy
frosts have cut down other flowers. Pkt.

frutescens (Paris Daisy; Marguer-
ite). gP. Beautiful for cutting and
pot culture; long-stemmed, single,
white flowers, with golden centers...
60610 10

Leucanthemum (Shasta Daisy). hP.
Extra-large flowers, with pure white
petals and brilliant, golden yellow
centers. 2 to 2½ ft.....

indicum, Single. Will produce superb
flowers of different types
and colors; fine for forcing
and cut-flowers....

“ **Double**.....

“ **Pompon**. The pretty, hardy
dwarfs, with bright, clus-
tered flowers, which
brighten up the garden
late in autumn. 1½ ft...
60740 25

**japonicum fl.-pl. From finest flow-
ers**. Double. An extra-choice mix-
ture, including many of the finest
large-flowering sorts.....

CINERARIA. One of the most useful and
ornamental of greenhouse plants, with
flowers of the richest and most brilliant
colors and shades, and of the finest tex-
ture. It is rather a difficult plant to grow
if its requirements are not understood.
The mistake generally made is in growing
it in a warm house instead of a cool one.
The seed should be started in the green-
house. Average height, 2 ft. Pkt.

Large-flowered Crimson. Very bril-
liant and showy...
60800 50

“ “ **Flesh-colored,
Mixed**.....

“ “ **Stella, Mixed**.
Twisted and fluted
petals; large flowers
of very rich and
bright colors.

“ “ **White**. Handsome...
60830 25

“ “ **Half Dwarf, Prize
Mixed**. Exquisite.
1 ft.....

“ “ **Self Colors, Mixed**.
.....

Splendid Mixed. All fine sorts.

“ “ **Double**.....

stellata (**Polyantha**). Mixed..

Cineraria, continued		Pkt.
HALF-HARDY PERENNIALS. Require some protection.		
maritima (Dusty Miller)....	60910	5
“ candidissima. Beautiful white foliage; the best.....	60920	10
“ Diamond. Pure white foliage; very fine.....	60930	10
CLEMATIS (Virgin's Bower). Excellent, hardy climbing perennials for trellises, arbors, verandas, etc. Do well in most locations.		
		Pkt.
paniculata. White; fragrant; very free blooming. 10 to 20 ft.....	61180	10
Jackmanii Hybrids, Mixed. Collection of the best colors. 10 to 15 ft....	61190	25
COBÆA. Tender climbing perennials of rapid growth. 20 ft.		
scandens. Purple, bell-shaped flowers..		
	oz. 50c....	61330 10
“ alba. White.....	61340	15
COLEUS. gP. Splendid bedding plants, with beautifully colored foliage; very useful for decorative purposes. 2 ft.		
		Pkt.
Fine Hybrids, Mixed.	61410	25
Finest Mixed Large-leaved. ...	61420	50
CONVOLVULUS mauritanicus. hP. Blue; trailing habit; fine for baskets and rockeries.....		
	61700	10
COWSLIP (<i>Primula officinalis hybrida</i>). hP. Favorite spring flower; fragrant; mixed colors. 6 in.....		
	62010	10
Yellow	62085	10
CUPHEA. Pretty half-hardy perennials; fine border and pot-plants. 1 to 1½ ft.		
		Pkt.
miniata. Rich scarlet.....	62200	10
Roezii. Red.....	62230	25
CYCLAMEN. These greenhouse plants are among the best plants recommended for house culture, as they thrive well and bloom profusely in the average temperature of the living-room. Sow the seed in small boxes or seed-pans and in a compost of well-rotted manure, leaf-mold and sand, in the early winter months. Cover lightly with moss, which should be kept moist and should be removed after the seed germinates. Prick out into small pots when the young plants have two leaves. If grown steadily without any check, they will flower in about twelve months. Average height, 9 in.		
PERSICUM GIGANTEUM—		Pkt.
album, Mont Blanc. White.....	62300	25
albo-rubrum. White with red eye. 100 seeds, \$1..	62310	25
Brilliant Red. Wine-color....	62332	50
Christmas Cheer. Blood-red.....	62324	50
Daybreak. Light pink.....	62325	50
Glory of Wandsbek. Dark salmon.....	62326	50
Lavender. Dark and light shades..	62328	50
Rose of Marienthal. Pink.....	62345	50
roseum. Rose.....	62350	25

Cyclamen persicum giganteum, continued		Pkt.
Victoria. White, pink edge fringed.		
	62362	50
White, Pink Eye.	62368	50
Mixed. Finest sorts.....	62380	25
Papilio, Mixed (Butterfly Cyclamen).....	62400	25
DAISY (<i>Bellis perennis</i> , etc.). hP. Sow in beds outside in August or September; protect with straw or litter over winter, and transplant to their permanent position in the spring. They make delightful borders to beds of taller-growing annuals and can be used very effectively in beds of spring-blooming bulbs. 4 in.		
		Pkt.
Double delicata rosea.	62595	10
“ Rose (Longfellow)	62600	10
“ White (Snowball)	62610	10
“ Mixed. Very fine.....	62620	10
“ maxima alba. Extra large; white.....	62630	15
“ maxima rosea. Extra large.	62640	15
“ monstrosa alba. Snowy white flowers.....	62652	25
“ monstrosa rosea. Deep rose.	62654	25
“ monstrosa, Mixed.	62660	25
DELPHINIUM. PERENNIAL VARIETIES. These are usually taller than the annuals, requiring more space between the plants. If sown in the fall or very early spring, nearly all will bloom the first season. Foliage clean and pretty; habit strong and neat; flower-spikes long and dazzling.		
		Pkt.
Belladonna. Lovely pale blue; handsome plant; comes very true from seed. 4 ft.....	62940	15
cardinale. Orange-scarlet; a California native. 2 ft.....	62960	25
chinense, Mixed (<i>D. grandiflorum</i>). Large flowers, ranging from pure white to indigo-blue.....	62980	10
chinense azureum. Beautiful distinct shade of blue. 2 ft.....	62990	10
chinense, Blue Butterfly	62995	10
formosum. Brilliant blue, white center; especially fine. 3 ft.....	63030	25
New Large Hybrids, Single Mixed. All shades of blue.....	63060	25
New Large Hybrids, Double Mixed.	63065	25
Nudicaule. Bright orange-red..	63070	25
Zalil (sulphureum). Long spikes; yellow flowers.....	63090	30
DICTAMNUS (Gas Plant). Ornamental hardy perennials; can remain for years undisturbed; the leaves, when rubbed, have a lemon odor. 3 ft.		
		Pkt.
Fraxinella. Red.....	63290	10
“ albus. White.....	63300	10
ERYNGIUM giganteum (Silver Thistle). Blue.....		
	63820	10
EUPATORIUM Fraseri. Fine clusters of white flowers; splendid for cutting.....		
	64100	5

FORGET-ME-NOT (*Myosotis*). These dainty little flowers love cool, moist soils, and, like pansies, bloom most freely in fall and early spring. Height, 6 to 8 in.

alpestris. hB. A pretty plant of erect habit with blue flowers. Pkt.

64260 10

" **alba**. White flowers; dainty in effect. 64270 10

" **Indigo-Blue**. New. Compact. 64305 25

" **Indigo-Blue**. Very fine. 64300 10

" **robusta grandiflora** (*Eliza Fonrobert*). Grown extensively for cutting. Large, sky-blue florets with yellow eye, in large clusters. 64320 15

" **rosea**. Rosy flowers; pretty contrast with blue and white. 64330 10

" **Victoria**. Dwarf; large flowers; sky-blue. 64340 15

hybrida, Ruth Fischer. hB. Pure Forget-me-not blue. Fine for cutting and for hanging-baskets. 64400 25

palustris (True Forget-me-not). Dark blue. 64410 15

" **semperflorens**. Bright blue; dwarf. 64420 15

FOXGLOVE (*Digitalis*). Hardy perennials but most satisfactory when treated as biennials. They will bloom magnificently the following spring; give them a deep soil in partial shade. Pkt.

purpurea, Purple. The well-known variety. 64580 10

" **Rose**. Very showy; long spikes. 64590 10

" **White**. Fine and attractive. 64600 5

" **Mixed**. 64610 5

gloxinioides, Purple. 64620 10

" **Rose**. Bright, showy flowers borne profusely on fine spikes. 64630 10

" **White**. Very handsome, gloxinia-like flowers; robust; beautiful for cutting. 64640 10

" **Mixed**. All the choice colors. 64650 10

monstrosa, Splendid Mixed. Very large, bell-shaped flowers of exquisite beauty, borne on long spikes. 4 ft. 64680 10

GAILLARDIA (Blanket Flower). Very durable and most brilliant in color; fine for bouquets. 2 to 3 ft. Pkt.

Amblyodon. hP. Fiery red. 64870 10

grandiflora maxima. hP. Golden yellow. 2½ ft. 64890 10

" **Extra-Fine Mixed**. hP. 64910 10

GALEGA. Ornamental, tall-growing, hardy perennials, well suited for borders or cutting; blooms all summer. 3 to 4 ft. Pkt.

officinalis. Blue. 65000 5

alba. White. 65010 10

GERANIUM. Most valuable greenhouse plants, blooming continuously. For bedding in the outdoor garden nothing equals them. 1½ ft. Pkt.

Zonale. Scarlet. 65130 10

Choice Mixed. 65152 25

GEUM. Handsome hardy perennials.

Mrs. J. Bradshaw. Large, brilliant scarlet. 65256 25

GLOXINIA. Greenhouse plants with magnificent flowers of great brilliancy; very decorative. Do best in light, rich soil; fine pot plants for the window garden. 1 to 1½ ft. Pkt.

hybrida grandiflora—

Mixed. 65670 50

robusta, Mixed. 65675 50

crassifolia erecta, Mixed. 65680 50

GREVILLEA robusta (Silk Oak). Graceful evergreen, greenhouse plant, easily raised from seed; fern-like foliage, fine for table decoration. 66040 10

GYPHOPHILA (Baby's Breath). The perennial varieties are most easily grown; very graceful and delicate. Pkt.

paniculata. hP. White; fine for bouquets. 66150 10

" **fl.-pl.** hP. Fine clusters of double white flowers; rare; foliage very dainty and filmy; very fine for cutting. 66160 50

HEDYSARUM. hB.

coronarium. Scarlet. 66240 5

" White. 66250 5

HELIOTROPE, Lemoine's Giant,

Mixed. Very fine, large flowers. 66460 15

Dark-flowered Sorts, Mixed. 66470 10

Fine Mixed. 66480 10

HELLEBORUS (Christmas Rose). These well-known, spring-flowering, hardy perennials thrive finely in any common soil, in a sheltered, semi-shady situation. 1 ft. Pkt.

niger. White. 66560 10

Mixed Hybrids. Very fine. 66570 25

HEUCHERA.

sanguinea. Crimson. 66600 15

" **splendens**. Dark red. 66610 25

" **hybrida, Mixed**. 66620 15

HIBISCUS, coccineus (speciosus). gS.

Large rose-red flowers. 66645 10

Crimson Eye. hP. White and crimson; splendid in borders. 4 ft. 66650 10

Golden Bowl. hP. Very large flowers of a deep rich cream color, with velvety maroon center. 66655 10

moscheutos roseus. hP. Large rose-colored flowers. 4 ft. 66670 10

HONESTY (*Lunaria biennis*). Hardy biennial, with silvery seed-vessels; prized for winter decoration. 2 ft. Pkt.

Purple.....66920 10

IMPATIENS (Touch-Me-Not).

Holstii. Large vermilion flowers; quick grower; splendid....67060 25

" **hybrida, Mixed**. Finest colors.....67070 25

Sultani. Bright, rosy carmine; fine for pots.....67080 25

" **hybrida, Mixed**. Splendid mixture.....67100 25

INCARVILLEA Delavayi. Rosy carmine, gloxinia-like flowers....67130 25

IONOPSIDIUM (Diamond Flower).

hhP. **acaule, White**. Pretty.67180 25

acaule, Lilac.....67185 25

JACOB'S LADDER (Polemonium). Beautiful, old-fashioned, hardy perennial border plants; flowers in clusters. 2 ft. Pkt.

Blue.....67650 5

White.....67660 5

LATHYRUS latifolius (Perennial Pea). hP.

These have not the fragrance of Sweet Peas, but bloom through a long season; are hardy and will live for years; they make a beautiful screen for rocks, stumps, fences, etc. 4 to 8 ft. Pkt.

Crimson. Beautiful shade....68000 10

Pink Beauty. Blossoms white, veined, edged, and shaded pink....68010 10

White. Good for cut-flowers...68020 10

Mixed.....oz. 60c...68025 10

LINUM (Flax). Pretty, free-flowering garden plants of easy cultivation.

perenne. A graceful hardy perennial; color blue. 2 ft.....68495 5

LOBELIA PERENNIAL VARIETIES—

cardinalis (Cardinal Flower). Standing bold and erect with its crimson-scarlet flowers, this handsome, native perennial Lobelia is invaluable for the border or grouping among evergreens. 2½ ft.....68780 10

Tupa. Flowers crimson, strong grower, perennial suitable for border. 8 to 10 ft.....68815 15

LUPINUS, Perennial Varieties. The hardy perennial varieties of the Lupines are extremely handsome and stately, bearing beautiful flowers of rose, white, blue, and yellow, on erect, graceful spikes that are more than a foot in length. Pkt.

Polyphyllus. Blue.....69200 5

" **albus**. White...69210 5

" **Moerheimii**. Rose and white of rather dwarf habit; very beautiful. 69230 25

" **roseus**. Rose; magnificent.....69240 25

" **Mixed**.....69260 5

tricolor elegans. Orange, rose, and white.....69280 5

LYCHNIS. Free-flowering, hardy perennials, with brilliantly colored flowers; excellent for massing in beds and borders. Pkt.

chalcidonica. Scarlet. 2 ft....69330 5

" **alba**. White...69340 5

Haageana hybrida, Mixed....69360 10

Arkwrightii, a cross between *L. chalcidonica* and *L. Haageana*; many new and lovely colors. If sown early will flower in autumn. 1 to 2 ft...69370 30

MALVA

moschata alba (Musk Mallow). hP.

White; fragrant. 2 ft....69500 10

" **rosea**. hP. Rose-flowered variety; fine.....69510 10

MAURANDYA. Rapid-growing, half-hardy perennial climbers that can be treated as annuals. Fine for garden or greenhouse; bloom all summer in hanging-baskets and vases or on trellises. 10 ft. Pkt.

Barclayana. Blue.....69880 10

" **alba**. White....69890 10

purpurea grandiflora. Purple.69910 10

Mixed.....69920 10

MIMULUS (Monkey Flower). Showy, half-hardy perennial; does best in a moist situation in the garden; easily grown. 1 ft. Pkt.

cardinalis. Scarlet.....70300 10

cupreus, Mixed.....70310 10

moschatus (Musk Plant). Yellow; fragrant foliage....70320 10

" **compactus**. Yellow; dwarf.....70330 15

tigrinus grandiflorus (Queen's Prize). Large-flowered variety....70360 25

PASSIFLORA (Passion Flower).

cærulea. hhP. Blue.....72780 10

incarnata. hhP. Pink.....72810 10

PENTSTEMON. Beautiful herbaceous perennials; very hardy and free flowering; fine for beds and borders or rock-gardens; excellent cut-flowers. Pkt.

antirrhinoides. Lemon-yellow. 1½ ft.....72870 25

centranthifolius. Bright scarlet. 2 ft.....72880 25

Hartwegii grandiflorus, Mixed....72910 10

PHLOX decussata. P. Large-flowered hybrids. Mixed.....74110 15

PHYSALIS Francheti (Chinese Lantern Plant). A splendid hardy perennial, very ornamental; has large orange fruits which, dried, are beautiful in winter bouquets. 2 ft...74180 10

PHYSOSTEGIA (Obedient Plant). A valuable, summer-flowering, hardy perennial border plant; delicate, white flowers on long stems; good for cutting. 3 ft. Pkt.

grandiflora virginica. Rosy pink...74190 25

" " **alba**...74200 25

PINKS (*Dianthus*). In this large and greatly varied genus are some of our most beautiful and best-loved flowers, unsurpassed for color and fragrance. The hardy biennials bloom finely the first season, remaining green all winter and blooming the next year also, if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year.

CHINENSIS (China or Indian Pinks). The flowers of all are double and showy. Pkt.

Double White China Pinks. 74280 5

" **Mixed China Pinks.** All best colors. 1/4 oz. 25c., oz. 80c. 74290 5

HEDDEWIGII (Japan Pinks). Unusually large and brilliant; often oddly edged, striped, and ringed. Pkt.

Single, The Bride (Little Gem). White, with purple center. 74320 10

" **Crimson Belle.** Flowers large and handsome; dark red; on long, stiff stems. 74330 10

" **Eastern Queen.** Rose-colored flowers, 2 to 4 inches across; finely striped and stained. 74340 10

" **Queen of Holland.** Splendid white. 74350 10

" **Mixed.** 1/4 oz. 25c., oz. 75c. 74360 5

" **Mixed, Giant-flowered.** 74370 10

Double, Mixed. A splendid assortment. 1/4 oz. 30c., oz. \$1. 74385 10

" **diadematus fl.-pl.** (Diadem Pink). Double; magnificent in color and variety. 74390 10

" **Fireball.** Brilliant scarlet; very compact and floriferous vines; for massing. 74400 10

" **Mourning Pink.** 74410 10

LACINIATUS—

Fireball, fl.-pl. 74435 10

Snowball. 74470 10

Single Mixed. Fringed flowers of all colors. 1/4 oz. 30c., oz. \$1. 74500 10

Double Mixed. 1/4 oz. 50c. 74510 10

Fringed Double Mixed. 74515 10

PLUMARIUS (Sweet May Pinks). These are fine, fragrant hardy perennials of the old-time gardens, still reckoned among the most beautiful for massing and cutting. Pkt.

Pheasant's Eye. Pretty fringed flowers. 74600 5

scoticus (Double Scotch Pink). 74620 10

semperflorens (Perpetual Pink). Double, semi-double, and single; of various colors. 74630 15

Pinks, Plumarius, continued

Single, Mixed. 1/4 oz. 25c., oz. 75c. 74650 10

Double, Mixed. 74690 10

PLATYCODON (*Wahlenbergia*; Large Chinese Bellflower). Handsome, hardy perennials that do best in light, dry situations; bushy growth; bear large, bell-shaped flowers in great profusion. Pkt.

grandiflorum. Deep blue. 2 ft. 74800 10

" **album.** White. 2 ft. 74810 10

See also Campanula.

POLYANTHUS (*Primula elatior*). Fine spring-blooming and free-flowering, hardy perennials; alike suitable to pot or garden culture. 9 in. Pkt.

Mixed. 74900 10

Large-flowered, Finest Mixed. Fine collection. 74910 25

Gold-laced. Very attractive and showy. 74920 25

POPPY, Perennial Varieties—

orientale. Enormous flowers of deep, flashing scarlet, with black spots in center; entirely hardy anywhere; fine for cutting. 3 ft. 74960 10

" **Mixed Hybrids.** Finest shades. 75010 10

nudicaule (Iceland Poppy). 75030 10

" **aurantiacum coccineum.** Orange-red. All of this class have crimped petals and peculiar grace. 75040 10

" **album.** Pure white. 75050 10

" **Mixed.** 75060 10

PRIMULA

SINENSIS fimbriata (Chinese Primrose).

gP. The Primula, or Chinese Primrose, stands in the first rank among greenhouse plants, and is fine for winter and spring blooming. It is free-flowering and especially valuable for cut-flowers and for house and window culture. A cool place suits it best. The plants must be well ventilated, well watered, and slightly shaded. Average height, 9 in. Pkt.

fimbriata alba. White; fringed. 75720 25

" **magnifica.** Pure white; fringed; extra choice. 75730 35

" **Bright Rose.** Dainty fringed flowers. 75740 35

" **coccinea.** Bright red; fringed. 75750 35

" **cærulea.** Blue; fringed. 75760 35

" **Kermesina splendens.** Crimson; fine shade; fringed. 75770 35

Primula sinensis , continued		Pkt.
fimbriata rubra. Red; gracefully fringed flowers..	75780	25
" Extra-Fine Mixed. Fringed.....	75790	25
" flicifolia. All these are fringed and have fern-like foliage.		
" flicifolia alba. White..	75810	50
" flicifolia, Mixed.	75830	50
" plena. Beautifully fringed, double flowers.		
" plena rubra. Red.	75870	50
" plena alba. White.	75880	50
" plena, Mixed.	75890	50
stellata, Mixed (Star Primulas). Very floriferous.....	75910	50
For other varieties, see our General Catalogue.		
OBCONICA. gP. For open border, also do well in the house window-garden. Continuous and free bloomers during the winter months.		
grandiflora hybrida, Mixed.	76030	50
" gigantea, Mixed. Giant flowering.....	76120	50
malacoides. gP. Dainty, soft lilac-pink; fine for pot culture. 18 in.	76150	25
" alba. Fine white....	76160	25
HARDY VARIETIES. The hardy Primroses are among the most prized of our spring-blooming plants. A slight protection, while not always needed, will be found beneficial. 1 to 1 ½ ft.		
japonica (Japanese Primrose). hP.	76220	10
" hybrida, Mixed. hP. Mrs. Scott Elliot's collection.....	76230	25
vulgaris (English Primrose). hP. Yellow; fragrant; a favorite variety. 6 in.....	76250	10
PYRETHRUM. Showy, hardy perennials growing 2 feet in height, with most brilliant and lasting flowers. The dwarf Golden Feather is the well-known variety used for carpet bedding, edgings, and borders.		
atrosanguineum. Red shades.	76390	10
roseum hybridum, Single, Mixed.	76400	10
" hybridum, Double, Mixed.	76410	25
parthenifolium aureum (Golden Feather). Yellow, fern-like leaves; fine for edgings. 6 to 8 in.....	76460	5
REHMANNIA angulata. Splendid, half-hardy, herbaceous perennials, with beautiful, large, rosy purple flowers, similar to those of <i>Incarvillea Delavayi</i> . For pot culture or outdoors in sheltered situations. 3 ft....		
	76530	25

RHODODENDRON arboreum hybridum. The well-known, hardy evergreen shrub. Mixed varieties. 10 ft.....	76640	25
ROCKET (Sweet Rocket; <i>Hesperis</i>). Spring-flowering, hardy herbaceous perennials; fragrant; easily grown in light soil; transplant frequently; very free blooming.		
matronalis. Purple. 3 ft.....		
" ¼ oz. 20c., oz. 50c..	76880	5
" alba. White; fine cut-flower. 3 ft....	76890	5
" Mixed.	76910	5
ROMNEYA Coulteri (California Tree or Matilija Poppy). White flowers.		
	76930	25
SCABIOSA caucasica (Mourning Bride; Blue Bonnet). hP. This hardy perennial should be in every garden. The flowers are large and semi-double, of pale lavender color, growing on long stems; splendid for cutting.....		
	77590	10
SCHIZANTHUS. Very beautiful and showy, hardy annuals, fine for beds and borders in the summer garden; grown in pots in early spring in the greenhouse they become elegant foliage plants, with masses of flowers. ½ to 2 ft.		
Wisetonensis. Light shades; long and profuse blooming; fine pot-plants.....	77810	25
Mixed.	77840	5
SMILAX (<i>Myrsiphyllum asparagoides</i>). A well-known greenhouse climber, with small, dark green foliage; of great value in floral work. 8 ft.		
	78050	10
SNAPDRAGON (<i>Antirrhinum</i>). The Snapdragon is one of our finest perennials, flowering the first year from seed. Its bright-colored, curiously formed flowers always excite interest. The rich spikes are beautiful for cutting, and keep fresh a long time. Flower profusely through summer until frost. For early flowers, sow under glass in February or March, and transplant into beds of warm, dry soil moderately enriched. The Snap-dragon is treated as an annual and the seed sown every year. Average height, 2 ft.		
		Pkt.
TALL, LARGE-FLOWERING VARIETIES—		
Garnet.	78204	25
Nelrose. Silvery pink, very long stems, fine for greenhouse..	78205	30
Rose.	78215	15
Scarlet.	78217	15
Venus. Delicate pink, with white throat.....	78225	15
White. Beautiful for cutting..	78230	10
Yellow. A pure, soft color...	78240	10
Large-flowered, Mixed. Fine.....		
¼ oz. 40c., oz. \$1.50..	78270	10

Snapdragon, continued

SEMI-DWARF VARIETIES. Plants of this section make excellent bedders, as they bloom extra profusely and are only about 15 inches high. Pkt.

Black Prince. Nearly black...	78310	10
Cottage Maid. Pale coral-pink, white throat.....	78330	15
Crimson King. Bright crimson; a deeper color than Scarlet King...	78340	15
Daphne	78342	15
Fawn	78343	15
Golden Beauty. Large sturdy spikes; rich golden yellow...	78345	25
Queen of the North. Pure white...	78360	10
Rose Queen	78375	15
Fine Semi-Dwarf Mixed	78400	10

STOCKS (Matthiola). Stocks have good habit, fine leaves, beautiful and fragrant flowers, a long season of bloom and adaptability to many conditions of culture. They are unsurpassed for bedding, edging, pot culture, and for cutting. Pkt.

TEN WEEKS. Half-hardy annuals.

Large - flowering Dwarf Pyramidal, Finest Mixture ...	78840	25
Dwarf Large - flowering. Long, splendid spikes; large, double flowers.		
Bright Red	78870	10
Blood-Red. Very rich	78880	10
Canary-Yellow	78885	15
Carmine	78890	10
Crimson	78900	15
Dark Blue	78910	15
Light Blue	78930	15
Snow White	78950	10
Mixed	78980	10

DRESDEN PERPETUAL or BRANCHING, Cut-and-Come-Again— Pkt.

Princess Alice, White. Profuse and perpetual-blooming; double, white flowers, fine for cutting.....	79000	25
Snow White	79005	25
Empress Augusta Victoria. Delicate silvery lilac flowers in magnificent trusses; of true pyramidal growth. 24 in.....	79010	25
Brilliant	79015	25
Creole	79017	25
May Queen	79018	25
Mixed	79020	25

WINTER "NICE" VARIETIES, LARGE-FLOWERING—

Beauty of Nice. Flesh-color; extra-large flowers.....	79320	25
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Stocks, Winter, continued

Pkt.

Queen Alexandra. Rosy lilac.....	79350	25
Mixed	79370	25

STOKESIA (Cornflower Aster). This popular hardy perennial bears, all summer, large, attractive flowers resembling semi-double asters; fine for cut-flowers. 2 ft. Pkt.

cyanea. Lavender-blue; handsome...	79610	10
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SWEET WILLIAM (*Dianthus barbatus*)

The splendid old-fashioned hardy perennial, producing large heads of beautifully colored, sweet-scented flowers in abundance; easily grown, flowering the second year from seed. 1/2 ft. Pkt.

Single Pink Beauty (roseus). Rosy chamois.....	79940	15
" Scarlet Beauty. Brilliant scarlet; very fine.....	79950	15
" White	79960	5
" Mixed	79970	5
Double Crimson	79990	10
" White	80000	10
" Mixed	80010	10

VALERIANA (Valerian). Very handsome hardy perennials that have been too much neglected; bloom all summer. Fine for borders, wild gardens, and rockwork; of easiest culture. 2 ft. Pkt.

alba. White.....	80460	5
rubra. Red.....	80470	5
Mixed	80480	5

VERONICA (Speedwell), Mixed Perennial Species. Splendid, hardy border plants of the easiest culture; bear bright-colored flowers all summer. 1 to 2 ft..... 80890 10

VIOLET, Sweet-scented (*Viola odorata*). hhP. Much prized for spring blooming. All the varieties have great beauty, are very fragrant and quite hardy. Violet seed takes a long time to germinate. 6 in. Pkt.

Blue	81000	10
White	81020	10

VIOLA cornuta (Tufted Pansies). hhP. Splendid free-blooming plants for partially shaded situations; with a little winter protection will be permanent for years; bloom continually all the season until frost. 6 in. Pkt.

cornuta, Purple Queen	81040	10
" Mauve Queen	81050	10
" White Perfection ...	81060	10
" Mixed	81065	10

pedunculata (California Yellow Violet)	81070	25
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Mixed Perennial Flower Seeds

Per oz.

Beautiful Mixture of Hardy Perennials, containing many choice varieties.... 82350 50

CHOICE VEGETABLE SEEDS

Asparagus Roots			
Colossal.	2-year old	50	100
roots		\$0 60	\$1 00
			\$9 00

Beet			
Bassano.	Early; light color; very sweet.	Pkt. \$0 05	Oz. \$0 15
Crimson Globe.	Tender and sweet.	05	15
Detroit Dark Red Turnip.		05	15
Dewing's Early		05	15
Eclipse.	Early; round; bright red.	05	15
Edmand's Blood Turnip.		05	15
Early Blood Turnip.		05	15
Egyptian.	Extra early; flat.	05	15
Sutton's Globe.	Early, especially on light soils	05	15

Broccoli			
Early Large White		10	50
Mammoth White		10	50
Veitch's Self-Protecting		10	50

Brussels Sprouts			
Aigburth.	Compact heads.	10	40
Dalkeith.	Dwarf growth.	10	40
Sharp's Standard.	Finest tall.	10	50



Detroit
Dark
Red
Turnip
Beet

Cabbage			
Autumn King	Pkt. \$0 10	Oz. \$0 35	1/4lb. \$1 00
Charleston Wakefield	10	45	1 25
Chinese (Pe-Tsai)	10	45	1 25
Danish Ballhead	25	60	1 75
Early Winnigstadt	10	40	1 15
Early Jersey Wakefield	10	45	1 25
Enkhuizen Glory	10	60	1 75
Fottler's Brunswick	10	40	1 15
Large Late Flat Dutch, Thorburn's Private Stock	10	40	1 15
Large Late Drumhead	10	40	1 15
Late Drumhead Savoy	10	40	1 15
Mammoth Red Rock	10	45	1 25
Schweinfurt Drumhead Late	10	45	1 25
Stein's Early Flat Dutch	10	40	1 15
Succession	10	40	1 15

Carrot			
Parisian Forcing	05	20	60
Early Scarlet Horn	05	20	60
Oxheart (Guerande)	05	20	60
Chantenay	05	20	60

Cauliflower			
Thorburn's Extra-Early Dwarf	Pkt. \$0 50	1/4oz. \$2 75	1/2oz. \$4 50
Erfurt			\$8 00
Thorburn's Gilt Edge	Pkt. \$0 25	Oz. \$4 00	1/4lb.
Thorburn's Extra-Early Snowball	25	5 00	
Danish Giant, or Dry Weather	50	6 00	
Early London	25	1 00	\$3 00
Early Giant of Naples	10	75	
Late Giant of Naples	10	75	

Corn Salad			
Large - seeded, Broad-leaved	05	30	85

Eggplant			
Large Round Purple	15	75	
New York Purple	15	75	
Long Purple	15	80	
Florida High Bush	15	60	

Endive			
Large Green Curled (De Ruffec)	05	20	60
White Curled	05	20	65
Giant Fringed or Oyster	05	20	65
Broad-leaved (Escarolle)	05	20	60

Kohlrabi			
Early White Vienna	10	40	1 00

Lettuce

	Pkt.	Oz.	1/4lb.
Denver Market	\$0 05	\$0 15	\$0 50
Grand Rapids Forcing ...	05	15	50
Giant Crystal Head.....	05	15	45
Hubbard Market.....	05	15	50
Mammoth Black-seeded			
Butter.....	05	15	50
May King.....	05	15	50
Orchid.....	05	15	45
White Summer Cabbage..	05	15	50
Iceberg.....	05	20	60
Wayahead.....	05	15	45
Romaine, or Cos.....	05	15	50

Onion

White Early Barletta.....	10	45	1 50
White Bermuda (Yellow). (Teneriffe-grown).....	10	35	1 00
White Bermuda (True Crystal Wax). (Teneriffe- grown).....	15	45	1 50
Mammoth Garganus (Sil- ver King)	10	45	1 50
Red Bermuda.....	10	35	1 00
White Portugal, Large...	10	30	85
Red Wethersfield, Large..	10	30	85

Parsley

Extra Curled.....	05	15	50
Plain.....	05	10	40

Radish

Turnip, Early Scarlet....	05	15	45
Turnip, Early Scarlet White-tipped.....	05	15	50
Turnip, Scarlet Globe- shaped.....	05	15	50
Long Scarlet Short-Top..	05	15	50
Long Icicle. Pure white...	05	15	50
Chinese Rose. Winter....	05	15	50

RADISH, continued

California Mammoth. Pkt.	Pkt.	Oz.	1/4lb.
White.....	\$0 05	\$0 15	\$0 50
White Strasburg.....	05	15	50

Spinach

	Pkt.	Oz.	1/4lb.
Round Viroflay.....	\$0 05	\$0 10	\$0 25
Bloomsdale Savoy.....	05	10	25
Long Season.....	05	10	25
Long-standing.....	05	10	25
Triumph.....	05	10	25
Victoria.....	05	10	25
Prickly or Winter.....	05	15	45
New Zealand.....	05	20	60

Turnip

Globe-shaped Red-Top..	05	15	50
Red-Top Strap-Leaf	05	15	50
Golden Ball.....	05	15	50
Early Snowball.....	05	20	60
Jersey Lily (White Model)..	05	20	60
Milan Early Purple Crown	05	25	85
Milan Early Pure White .	05	25	85
White Strap-Leaf.....	05	15	50
White Egg	05	15	50
Thorburn's Family Ruta- baga.....	05	25	75



Snowball Turnips

MUSHROOM SPAWN

Cultural Directions in our General Catalogue. Any one requiring fuller details should get Wm. Falconer's book on "Mushroom Culture," sent postpaid for \$1.

American White Spore Pure Culture Spawn. Direct bricks, latest strain, weighing about 1 pound. Per brick, 30 cts.; 10 bricks, \$2.75; 100 bricks, \$25.

English Spawn. In bricks, weighing about 1 1/2 pounds. Per brick, 25 cts.; 10 bricks, \$2.25; 100 bricks, \$18.

French Spawn. Per 2-lb. box, \$1.25.

Insecticides and Remedies for Plant Diseases

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Liquids, poisons, and a few strong smelling articles cannot be sent by parcel post. Add postage at zone rates

Aphine. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, etc. Use one part to 40 of water. Does not injure the most tender plants.

1/4pt.....	\$0 25	Pt.....	\$0 65
1/2pt.....	40	Qt.....	1 00

Arsenate of Lead, Paste. Does not injure tender foliage.

Lb.....	\$0 45	5 lbs.....	\$2 00
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Black-Leaf 40.

1-oz. bottle..	\$0 25	2-lb. tin.....	\$3 25
1/2-lb. tin....	1 00	10-lb. can....	13 75

INSECTICIDES AND REMEDIES FOR PLANT DISEASES, continued

Bordeaux Mixture. For all fungous diseases.
Dry—
1-lb. can...\$0 50 | 5 lbs.....\$2 00
Liquid—
Qt..... 50 | Gal..... 1 50
Cattle Comfort. Gal..... 2 00
Copper Solution, Ammoniated.
Qt.....\$1 25 | Gal..... 3 25
Fir-Tree Oil. For greenhouse and house plants. Destroys insects without injuring plant.
½pt.....\$0 75 | Qt.....\$2 25
Pt..... 1 25 | ½gal..... 4 00
Gal..... 7 00
Fir-Tree Oil Soap.
½lb.....\$0 30 | 2 lbs..... 85
Fish-Oil Soap. For washing trees and destroying all insects on the bark.
1-lb. box....\$0 25 | 10 lbs.....\$2 20
5 lbs..... 1 20 | 100 lbs.....20 00
Fumigators. Each..... 60
Eureka Fumigator.
No. 2.....\$2 75 | No. 3..... 3 25
Fungine.
Pt.....\$0 65 | Qt..... 1 00
Grape Dust, Hammond's. For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows.
5-lb. pkg....\$0 90 | 10-lb. pkg....\$1 40
Kerosene Emulsion. For cabbage worms, scale on trees, caterpillars, melon lice, rose bugs, etc. Dilute 25 to 50 parts.
Qt.....\$0 55 | Gal.....\$1 50
Nico-Fume Tobacco Paper. For fumigating. Does not injure blooms. In tins.
24 sheets....\$1 25 | 144 sheets....\$5 00
288 sheets..... 9 50

Nico-Fume Liquid. For fumigating or spraying. Effective against green fly, mealy bug, etc. For spraying, one to two teaspoonfuls to a gallon of water.
¼lb.....\$0 65 | 4 lbs.....\$7 50
Lb..... 2 00 | 8 lbs.....14 50
Pyrox.
Lb.....\$0 40 | 10 lbs.....\$3 00
5 lbs..... 1 75 | 25 lbs..... 6 25
Scalecide. Petroleum oil that mixes at once with cold water and stays mixed. No hot water necessary.
Qt.....\$0 70 | Gal.....\$1 60
5 gals..... 6 80
Sulphur, Powdered. Protects against mildew on grapes, roses, etc.
Lb.....\$0 15 | 10 lbs.....\$1 00
Sulpho-Tobacco Soap.
3-oz. box....\$0 10 | 8-oz. box.....\$0 20
Tobacco Dust—
Ordinary Kind. For dusting.
Lb.....\$0 10 | 10 lbs.....\$0 60
5 lbs..... 35 | 100 lbs..... 5 00
Stoothoff's "Black Stuff." For dusting.
50 lbs....\$3 00 | 100 lbs.....\$5 50
Stoothoff's "Fumigating Kind." For burning.
50 lbs....\$3 00 | 100 lbs.....\$5 50
Tobacco Stems. For fumigating plants. In bales only of about 100 pounds.
Per 100 lbs.....\$2 75
X-L-All Liquid Insecticide.
Pt.....\$1 25 | Qt.....\$2 00
½gal..... 3 50

Thorburn's High-Grade Fertilizers

ALL F. O. B., N. Y. PRICES SUBJECT TO CHANGE

Thorburn's Complete Manure.
10 lbs.....\$0 60 | Bag of 100 lbs.\$3 50
25 lbs..... 1 25 | Bag of 200 lbs. 6 50
50 lbs..... 2 00 | Ton.....57 00
Thorburn's Lawn Fertilizer.
10 lbs.....\$0 75 | Bag of 100 lbs. 3 50
25 lbs..... 1 25 | Bag of 200 lbs. 6 50
50 lbs..... 2 00 | Ton.....60 00
Pure Ground Bone Meal, No. 1.
5 lbs.....\$0 50 | 50 lbs..... 2 40
10 lbs..... 80 | 100 lbs..... 4 50
25 lbs..... 1 30 | Ton.....74 00
Ground Bone, No. 2.
100 lbs.....\$5 25 | ½ton.....41 50
¼ton.....21 75 | Ton.....81 00
Thomson's Vine Manure. Unrivalled for vines, tomatoes, cucumbers, fruit trees, and all foliage, flowering and fruit-bearing plants and outdoor plants of every description. Splendid for lawns, etc.
½cwt. (56 lbs.).....\$5 00
Cwt. (112 lbs.)..... 9 00

Bowker's Ammoniated Food for Flowers.
The best dressing for potted plants.
Small pkg...\$0 25 | Large pkg.....\$0 50
Hardwood Ashes. Highest grade, extra screened, unleached.
100 lbs.....\$2 50 | Ton.....\$40 00
Pulverized Sheep Manure.
1-lb. pkg...\$0 15 | 50 lbs..... 2 00
5-lb. pkg... 50 | 100 lbs..... 3 00
25 lbs..... 1 25 | Ton.....55 00
Agricultural Salt. For asparagus beds, etc., in bags of about 200 pounds—not less than one bag sold. \$3.50.
Pulverized Limestone. Made from the purest crystalline white limestone obtainable, and analyzes about 97 per cent carbonate.
100 lbs.....\$2 00 | ½ton.....\$11 00
Ton..... 20 00

Horticultural Implements, Etc.

PRICES SUBJECT TO CHANGE

ATOMIZER, Woodason's Liquid. Large, \$3.50 each; small, \$3 each.

BAMBOO CANES, Japanese. 6 feet long. Not less than 100 sold. \$1.75 per 100.

CARNATION SUPPORTS. Galvanized-2-ring, 75 cts. per doz., \$5 per 100; 3-ring, \$1 per doz., \$5.50 per 100.

FLOWER VASES. Indurated wood-fiber; for cut-flowers.

No.	Diam.		Depth	Each	Doz.
	In.	In.			
3	4	6	.....	\$1 50	\$16 00
2	4 1/2	9	.....	1 75	19 00
1	5 1/2	10	.....	2 00	21 00
0	8	13	.....	2 25	25 00

HYACINTH GLASSES, Tall or Tye's Shape. Blue, Green, and Purple. Either style, 50 cts. each, \$5 per doz.

	Plain		Painted	
	100	1,000	100	1,000
4-in.....	\$0 20	\$1 10	\$0 20	\$1 55
4 1/2-in.....	20	1 35	20	1 85
5-in.....	25	1 60	30	2 05
6-in.....	30	2 00	35	2 50
8-in.....	65	5 80	80	7 40
12-in.....	1 20	9 60	1 35	11 40

Wooden, Notched Tree. 3 1/2-inch cop-per wire... 35 2 25 40 3 00

MASTICA. For glazing greenhouses, sashes, etc. Gal. \$2.40.

MASTICA GLAZING MACHINES. \$2.40.

RAFFIA, for tying, price variable. At present, 40 cts. per lb.; 5 lbs. at 35 cts. per lb.; 10 lbs. at 30 cts. per lb.

RAKES. All kinds. See General Catalogue.

GLASS CUTTERS. 25 cts. each.

SHEARS, Wiss' Solid Steel Pruning. The best American shear. Detachable blade. 9-in., \$3.75 each; 10-in., \$4.50 each.

SYRINGES—all Brass. \$2.75 to \$8.50 each.

THERMOMETERS, Oxidized Metal Scale, Polished Back. A thermometer for house use, durable and well made. Tube magnifies and is easy to read. 12-in., \$1.25 each.

White Enameled Wood Plate, Nickel Trimmings. No. 110, 7 1/2-in., 50 cts. each. No. 111, 9 1/2-in., \$1 each.

Self-Registering, Polished Back. For indoor use; will register extremes of heat and cold; made of hardwood. A magnet is used to draw back the indicating points. 12-in., \$2.50 each.

Self-Registering, Japanned Case. The same as preceding with tin case for outside use. Enameled case and porcelain scale. 12-in., \$6.50 each.

Thermometers, Japanned Tin Case. A cheap thermometer for greenhouse use; all metal. 10-in., 60 cts. each.

Mercury Bath, or Hotbed. New. Quick-acting; all of metal. Cannot rust or break. \$2.25 each.

Hotbed and Mushroom Bed. Brass-tipped point incloses the temperature bulb; it is simply thrust into the soil or bed. Best grade (made of boxwood). \$2.25 each. Made of ordinary wood, \$1.50 each.

TREE TUBS, New York Style. Made of clear timber. Painted green.

No.	Diam.		Height	Each
	In.	In.		
1	12	10 5/8	.....	\$2 85
2	13	12 3/4	.....	3 75
3	14 1/2	14 3/4	.....	4 50
3 1/2	16 1/2	15 3/4	.....	6 00
4	19 1/2	16 5/8	.....	6 50
5	22 1/2	18 1/2	.....	8 00

TROWELS, Solid Steel. 5-in. blade..... 55
6 in. blade..... 60
7-in. blade..... 65

HOSE, Rubber. 3/4 in. Our hose is carefully selected, made of first-class material, and coupled at both ends, in 25- or 50-foot lengths.

Electric. 24 cts. per ft.
Thorburn Standard. X. 6-ply. 20 cts. per ft. XXX. 7-ply, 22 cts. per ft.

SPRAY PUMP, Bucket. Made of brass; easily operated; throws a solid stream 50 feet. Provided with combination nozzle and sprinkler for flowers, \$4.75. 8-foot extension for spraying large trees, 90 cts. extra. Also valuable for washing windows.

Compressed-Air. Self-operating, durable, easy to carry and to work. Made of galvanized iron or brass, with 4-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. Brass tank, \$11; galvanized tank, \$8. Brass extension pipe, 2-ft., 70 cts.

WATERING-POTS, French Model. Long spout, with brass joints, fitted with coarse and fine nozzles. Made of heavy galvanized iron reinforced with steel rim. Each 6-qt.....\$3 75
8-qt..... 4 25
10-qt..... 4 50
12-qt..... 5 00

"The Philadelphia." With brass joint and two copper-faced roses. 6-qt..... 3 25
8-qt..... 3 50
10-qt..... 4 25
12-qt..... 4 75

All prices subject to change without notice. Prices given on application for any articles not quoted. Postage, Express or Freight charges to be paid by purchaser on all Implements

Lawn Grass Seed Mixtures for Autumn Sowing

Autumn sowing is recommended from the latter part of August to the middle of September, so that the young grass may become well rooted before winter sets in. The sowing should be done when the ground is moist or before expected rain; after sowing the ground should be rolled.

Prices of all Lawn Grasses include free delivery in the United States, by freight, express, or mail at our option

The Thorburn Lawn Grass

Many of the finest lawns in America were produced from this mixture. It is composed of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich greensward in three to four weeks from the time of sowing. (The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture.) It should be sown at the rate of 80 to 100 pounds to the acre. One pound of our Lawn Grass will sow a plot of 400 or 500 square feet.

1/2 lb.....	\$0 30	10 lbs.....	\$4 00
1 lb.....	55	25 lbs.....	9 00
2 lbs.....	1 00	100 lbs.....	35 00
5 lbs.....	2 25		

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations under trees, or close to walks where there is little sun.

1 lb.....	\$0 65	10 lbs.....	\$4 50
2 lbs.....	1 25	25 lbs.....	11 00
5 lbs.....	2 50	100 lbs.....	40 00

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought, and that are, therefore, peculiarly adapted to southern lawns.

1 lb.....	\$0 65	10 lbs.....	\$4 50
2 lbs.....	1 25	25 lbs.....	10 00
5 lbs.....	2 50	100 lbs.....	37 00

Thorburn's Grass Mixture for Terraces

A mixture of fine stoloniferous grasses peculiarly adapted to terraces.

1 lb.....	\$0 65	10 lbs.....	\$4 50
2 lbs.....	1 25	25 lbs.....	11 00
5 lbs.....	2 50	100 lbs.....	40 00

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses that will take firm hold and grow quickly on hard, worn-out or burned spots. Some **Lawn-restoring Grass Seed** should be sown before every summer rain on thin places.

1 lb.....	\$0 65	10 lbs.....	\$4 50
2 lbs.....	1 25	25 lbs.....	11 00
5 lbs.....	2 50	100 lbs.....	40 00

Also Permanent Grass Seed for Golf Links, Tennis-Courts, Polo-Grounds, Etc.

We have devoted much attention to the seeding and preservation of golf links, tennis-courts and polo-grounds, and offer the following mixtures, which have been used on most of the finest links, etc., in this country with very satisfactory results.

BAGS AT COST AND TRANSPORTATION EXTRA

Fair-Green or Golf Links Mixture

For the grounds in general.

25 lbs.....	\$11 00	100 lbs.....	\$40 00
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Putting-Green Mixture

A mixture of extra-fine highest grade grasses that will make a close, firm, green and lasting turf, which will improve with trampling.

5 lbs.....	\$3 00	25 lbs.....	\$13 00
10 lbs.....	5 00	100 lbs.....	50 00

Polo-Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage.

25 lbs.....	\$11 00	100 lbs.....	\$40 00
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Tennis-Court Mixture

A mixture of extra-fine grasses peculiarly adapted to tennis-courts. This will make a firm, green, and lasting turf of the finest texture, that will improve with trampling.

1 lb.....	\$0 65	10 lbs.....	\$5 00
2 lbs.....	1 20	25 lbs.....	12 00
5 lbs.....	2 75	100 lbs.....	45 00

Mixture for Railroad Banks, Etc.

A mixture of grasses with long, interlacing, matting roots, that will bind steep embankments, gravelly or sandy slopes, etc., preventing washouts by rainstorms and covering them with permanently green turf.

1 lb.....	\$0 70	10 lbs.....	\$5 50
2 lbs.....	1 30	25 lbs.....	13 00
5 lbs.....	3 00	100 lbs.....	50 00

Parcel Post Zone Rates within the United States

Zone	Within	1st lb. or frac- tion	Addi- tional lb. or fraction
1st.	50 miles of New York City.....	\$0 05	\$0 01
2d.	50 to 150 miles of New York City....	05	01
3d.	150 to 300 miles of New York City.....	06	02
4th.	300 to 600 miles of New York City.....	07	04
5th.	600 to 1,000 miles of New York City.....	08	06
6th.	1,000 to 1,400 miles of New York City.....	09	08
7th.	1,400 to 1,800 miles of New York City.....	11	10
8th.	1,800 and over miles of New York City.....	12	12

Maximum weight, 70 pounds to 1st, 2d and 3d zones, and 50 pounds from the 4th zone upward.

Postage on packages under 8 ounces, 1 cent for each 2 ounces or fraction; above 8 ounces, zone rates apply.

Postage to Canada, 12 cents per pound or fraction, maximum weight, 4 pounds, 6 ounces.

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